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MARK MEANS COMPANY

LEWISTON, IDAHO

*Annual
Catalog*

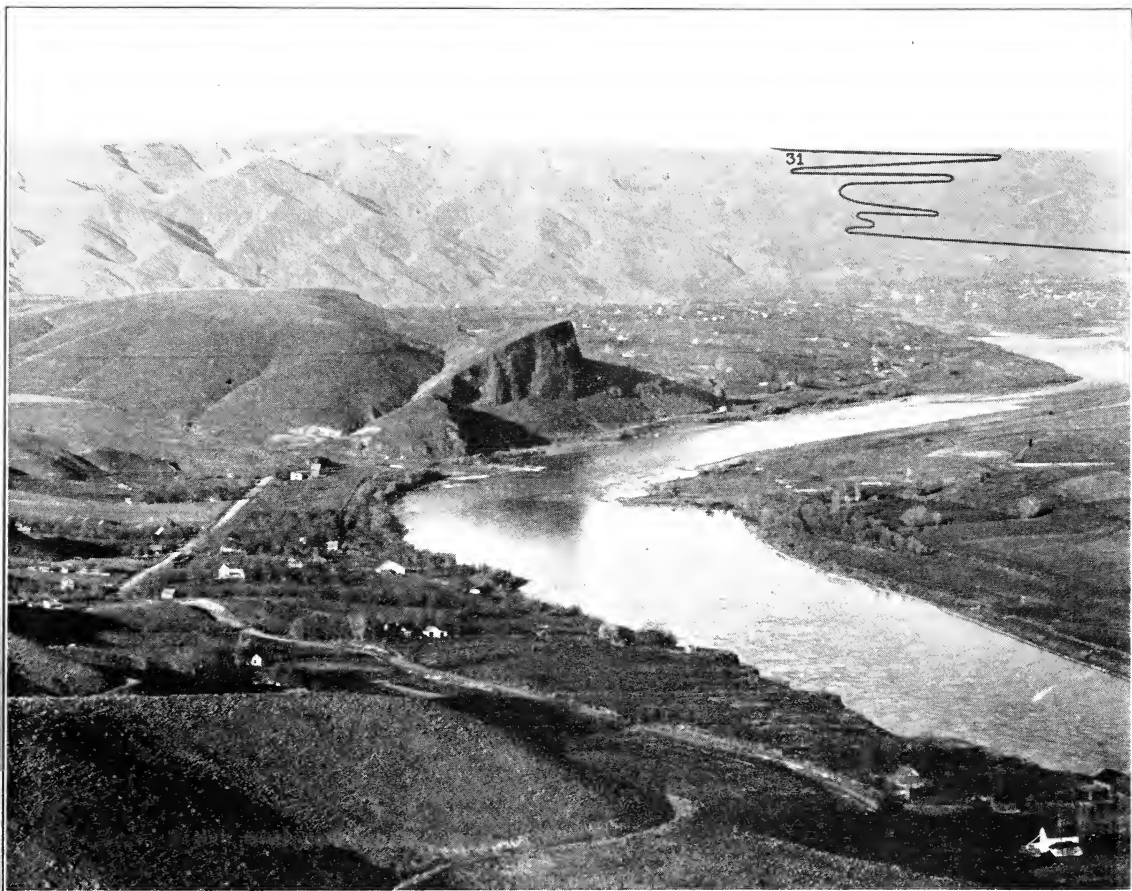
1931

SEEDS

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U. S. Department of Agriculture



SNAKE RIVER—LEWISTON AND CLARKSTON—AND IN THE RIGHT BACKGROUND THE FAMOUS LEWISTON SPIRAL HIGHWAY WHICH CLIMBS FROM AN ELEVATION OF 730 FEET TO A HEIGHT OF 2,750 FEET IN A DISTANCE OF TEN AND ONE-TENTH MILES

LEWIS-CLARK QUALITY

“Best in the West”

Vegetable Seed Trials

Farm Relief

It is conceded by the heads of the Farm Board that the only sure method of farm relief for the wheat grower is to cut the acreage and raise other crops of which there is no over production.

In our district a large percentage of the land is suitable for dairying and poultry raising. Our climate is well suited for both these industries and we are close to good markets.

For successful livestock raising it is necessary to have an abundance of good hay and pasture. Each year alfalfa is becoming more popular and where a hardy strain of pure seed is planted a large tonnage of fine quality hay can be produced.

Good pasture is equally important. In many districts best results are obtained by planting a mixture of Grasses and Clovers; while in others, growers are having wonderful success pasturing Sweet Clover.

Look through our catalogue—you will find Alfalfas, Clovers and Grasses listed and described. If you have any questions write us and we will be glad to give you any information that we can.

We operate the Mountain Valley Seed Co., Arling, Idaho. In this district we raise garden and field peas, clovers, timothy and other grass seeds at an elevation of 4500 feet above the sea level. Seed raised under these conditions are very hardy and of high germination.

Clover Seed

We are located in the center of the Northern Idaho Clover producing districts. Our seed is raised on the high benches without irrigation, the winters are severe and the result is we have one of the hardiest strains of both Medium Red, Mammoth and Alsike Clovers produced in the country. Great care has been taken in getting these fields started to keep them free from noxious weeds and we select for our trade the cream of the crop. This is carefully cleaned in our modern cleaning plant and each lot is state tested. A copy of this test is on each bag shipped out.

Clovers are being used more each year especially in the dairying districts. Not only do they produce one of the most valuable crops but being legumes they greatly enrich the soil.

On pages 26 and 27 you will find the different varieties described and priced.



Alfalfa

Our Alfalfa seed is raised in the high mountain valleys and is dry land seed. These strains have proven the hardiest and will withstand the severe winters of our surrounding country. All lots are State Tested for purity and each sack is tagged showing the purity and germination.

On page 26 you will find the price and description of the different strains.

Established in 1900

Thirty-One Years of Service

FOR 31 years the MARK-MEANS COMPANY has been giving the best service possible to the growers of the Northwest. When you purchase our "LEWIS-CLARK QUALITY" Brand in either FIELD or GARDEN SEED you are assured that they are the best obtainable.

We sincerely appreciate the unsolicited testimonials sent in by satisfied users of our seeds. We are always glad to hear from our friends, and if you think we can be of help in solving any garden or field problems you may have, write our service department and the matter will have prompt attention. Whenever you are in Lewiston, call and see us, and let us show you around the store, warehouses and up-to-date seed-cleaning plant. Make our office your headquarters while in town.

We thank you for past favors, and hope to have the pleasure of serving you again, not only this year but in the years to follow.

Glance thru the catalog NOW—don't put it off until later—take order sheet from the back, write down your wants, no matter how small or how large, mail us the order and we will fill it with the utmost care.

Farm Garden Collection

\$5.00 Value for \$3.50

BEANS, Burpee's Stringless.....	\$0.35
BEANS, Kentucky Wonder.....	.20
Beets, Early Blood Turnip.....	.35
Carrots, Half Long .....	.35
Corn, Golden Giant.....	.20
Corn, Evergreen .....	.20
Cucumbers, Boston Pickling.....	.05
Cucumbers, Davis Perfect.....	.15
Lettuce, Grand Rapids .....	.15
Lettuce, New York Head .....	.25
Cantaloupe, Burrell Gem .....	.15
Watermelons, Kleckley Sweet.....	.15
Onion, Prizetaker .....	.20
Onion Sets, 2 lbs. Yellow Bottom.....	.25
Peas, 1 lb. American Wonder .....	.30
Peas, Telephone .....	.30
Parsnips, Hollow Crown .....	.15
Radishes, White Tip .....	.15
Radishes, Icicle .....	.15
Spinach, Bloomsdale .....	.15
Squash, Table Queen .....	.20
Squash, Hubbard .....	.15
Turnips, Snowball .....	.15
Turnips, White Globe .....	.30

\$5.00

ALL FOR \$3.50—Postpaid.

Special 75 Cent Collection

BEANS, Burpee's Stringless	\$0.15
Beets, Early Egyptian .....	.05
Carrots, Danvers Half Long .....	.05
Sweet Corn, Golden Bantam.....	.10
Cantaloupe, Hearts of Gold.....	.05
Cucumbers, Long Green.....	.05
Lettuce, Grand Rapids.....	.05
Lettuce, New York Head.....	.05
Onions, Yellow Danver Globe.....	.05
Peas, Green Admiral .....	.15
Peas, Everbearing .....	.15
Parsnip, Hollow Crown .....	.05
Radish, Early Scarlet Globe.....	.05
Radish, Icicle .....	.05
Turnip, Purple Top S. L.....	.05

\$1.10

ALL FOR 75 CENTS. Postpaid.

NOTICE—Our special collections are all put up in advance and are ready to mail on receipt of order and therefore the assortments cannot be broken.

Flower Special

Any twelve 10 cent Flower Seed Packets for \$1.00. Postpaid.

FRESH VEGETABLES

From Your Own Garden—when you want them

One of the nicest features about your own garden is that the vegetables are there when you want them—fresh and full of flavor. When you raise your own, they seem to taste better.

BUY YOUR SEEDS EARLY

You will gain a distinct advantage by arranging for your seed supply, as orders must be filled carefully.

IMPORTANT

Owing to fluctuations in market prices, it may be necessary to change some of the prices quoted herein during the season. Should prices change and orders be received at prices named, seeds will be sent equivalent to the money received, figuring the order at current prices.

HOW TO SHIP

Always state how you want heavy seed shipped, by freight, parcel post or express, and if your station is a prepay point, don't forget to add enough money to take care of the charges. Should you not receive the goods you ordered within a reasonable time, write us regarding the matter and we will gladly put a tracer after your shipment.

We Deliver Free by parcel post or express, all Vegetable and Flower Seed by the packet, ounce and half pound and up to and including ten pounds unless otherwise stated. All other items are F. O. B. Lewiston, and postage, freight or express charges, if your station is a prepay station, must be added.

New Crop Garden Seeds



Vegetable Seeds

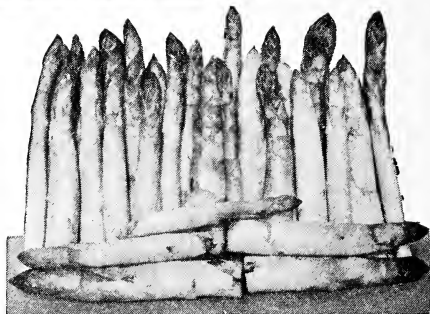
Asparagus

One of the early spring vegetables which can be produced very easily and cheaply and which is a profitable market crop. A bed 15x50 feet requiring about one hundred plants, should give a sufficient supply to the average family. One ounce of seed will produce eight hundred or more plants. Sow in drills and thin to three inches in a row. At the end of the first year transplant into permanent beds, carefully prepared, and cultivate to a depth of 24 inches, manure deeply using old manure and bone meal. A bed five feet wide will carry three rows. The plants should be spaced 18 inches apart in a row.

Martha Washington An early maturing variety, rust resisting and a large producer. Price: Pkt. 10c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Palmetto Extra early and uniform large stalks. Very popular with shippers. The shoots are a light green, slightly tinted with pink. Price: pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00

FOR ROOTS SEE INDEX



Martha Washington

Table Beets

Sow seed as early in the spring as ground can be worked. Can be sown in rows 15 to 18 inches apart, and about 1½ inches deep. It is advisable to soak seed in water for 24 hours before planting. 1 oz. to 50 ft. drill; 5 to 6 lbs. per acre.

Extra Early Egyptian Fine for forcing an early crop; about ten days earlier than the Early Blood. Makes fine, smooth, almost flat, very dark red beets; firm, crisp and tender. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Early Blood Turnip Extra early, somewhat turnip-shaped, smooth roots. The flesh is a fine deep blood red. The foliage is small. Popular for market and the home garden. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Detroit Dark Red A fine beet for bunching for market; tops exceptionally small and uniformly upright. The roots are perfect turnip-shape with small tap roots. One of the deepest red beets. Quality is of the finest; sweet and tender, one of the best beets for home gardens. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Crimson Globe Of fine form, with smooth skin. The tender flesh is a deep purplish crimson; slightly zoned; foliage small, of a rich bronze-purple. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Swiss Chard Grown for its large, tender, succulent leaves, which make the most delicious greens, or the thick fleshy stalks, which are cooked and served like asparagus. The seed is planted in the spring the same as beets, and tops are cut off as wanted during the summer, fall and following spring. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.



Detroit Dark Red

Stock Beets

Stock beets and mangels are high in food value, and should be grown by everyone having livestock. They also make excellent feed for chickens. It is not unusual to produce 15 to 25 tons to the acre. Plant sufficient so that the milch cows can get their share, and you will increase the flow considerably.

Golden Tankard Dairy farmers state they are able to obtain higher prices for milk when feeding cows on "Golden Tankard." Sheep thrive on it "Golden Tankard" is rich, deep yellow throughout. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; 1 lb. 55c; 10 lbs. \$5.00. Early, hardy and a heavy cropper.

Danish Sludstrup Long, reddish-yellow, grows well above ground and is easy to pull. Has repeatedly been awarded a first class certificate by the Danish Government. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; 1 lb. 55c; 10 lbs. \$5.00.

Mammoth Long Red The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above ground and is easily harvested. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; 1 lb. 55c; 10 lbs. \$5.00.

Giant Half Sugar One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; 1 lb. 55c; 10 lbs. \$5.00.



Mammoth Long Red

All Vegetable and Flower Seed up to and including ten lbs. will be sent postpaid.

Dwarf or Bush Beans

Young bean plants are easily damaged or killed by freezing. Do not plant seed until danger of frost is past. One pound of seed is sufficient for 100 foot row, planted about 2 ft. apart, 5 or 6 inches apart in the rows.



Golden Wax

Wax Podded Varieties

Golden Wax Very popular with both the home garden and for market. The pods are of medium length, broad, flat, golden yellow, very fleshy, wax-like and stringless. The plants are erect, compact, and produce early and abundantly. The seeds are medium size, oval, white mottled with red. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.50.

Prolific Black Wax An improved strain of black wax and is an exceptionally productive dwarf, wax-podded variety; hardy, reliable and of the best quality. The pods are of medium size, curved, cylindrical, fleshy, and of light golden color. The seeds are oblong and jet black. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.50.

Davis White Kidney Wax A handsome wax podded variety, very popular for shipping. The plants are very hardy, productive and medium early. The pods are light yellow, straight, remarkably long, crisp and tender. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.50.

Green Pod Bush Varieties

Burpee's Stringless

A very early, hardy green podded bean of excellent quality. The pods are round, straight, about five inches long, very meaty and entirely stringless. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.



Burpee's Stringless Green Pod

Burpee's Bush Lima The most grown bush lima bean, generally twenty inches high and bearing exceptionally large pods and beans of fine quality. Medium early. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.50.

REFUGEE or 1000 to 1

Fleshy and solid pods measuring from 5 to 5½ inches in length. They are brittle, and mild in flavor. Very productive, and grown largely for canning. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.



Burpee's Bush Lima

Scarlet Runner

A favorite as a shell bean and for its flowers, which are bright scarlet; seeds broad and kidney shaped. Price: Pkg. 10c; oz. 20c; ¼ lb. 30c; ½ lb. 50c; 1 lb. 90c.

Castor Bean

Used for medicinal purposes and by some, claimed to keep moles away. Castor beans are very ornamental, the plants and foliage being large and tropical in appearance. Price: Pkg. 10c; oz. 20c; ¼ lb. 30c; ½ lb. 50c; 1 lb. 90c.

Green Pod Pole

Kentucky Wonder

A vigorous climber; very prolific, bearing in clusters extremely long and very fleshy, succulent pods; flat, thick and remarkably tender. A first-class pole variety. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

ALL PRICES ON THIS PAGE ARE POSTPAID.

Beans are best when they are picked fresh.

Carrots

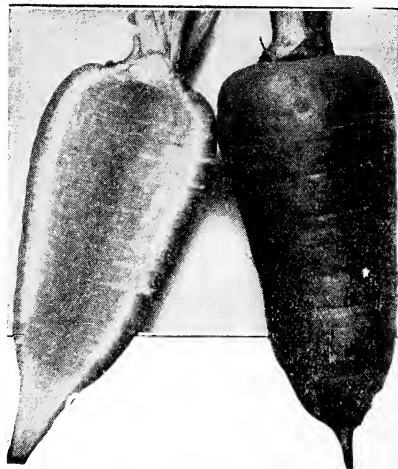
CULTURE. Carrots will do well in any good, well prepared soil. May be sown as early as the ground can be worked. Sow in rows 15 inches apart, and when about 3 inches high, thin to about 2 inches in the row. Use 1 oz. to 100 ft. drill; 3 lbs. per acre.

Oxheart A thick carrot, five or six inches long and very blunt at the lower extremity. It grows very rapidly and the root attains a weight of more than a pound. It is tender and of good flavor. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Chantenay or Model One of the best carrots for all purposes. Medium early, about 6 in. long, blunt ended, smooth, fine grained, sweet and sugary. An excellent table carrot and a heavy yielder. There is no better for the home garden. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Danver's Half Long Grown largely on account of its productiveness and adaptability to all classes of soil. Tops, medium size, coarsely divided. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender; deep orange in color. Although the roots of this variety are short, they produce as large as the longer field sorts, and are more easily harvested. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Nantes or Coreless The roots are cylindrical, smooth and of a bright orange color. The flesh is orange, becoming yellow in the center but very tender throughout and almost coreless. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium-sized sorts. Half grown and cooked fresh from the garden they are certainly delicious. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.



Danver's Half Long Carrots

Stock Carrots

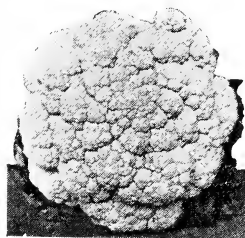
Stock carrots are one of the most valuable stock foods and very heavy yielders. Recommended for horses and colts, as well as for cattle and chickens.

Large Yellow Belgian A good keeper and a large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes excellent stock food. Price: Pkg. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; 1 lb. 75c; 5 lbs. \$3.50.

Large White Belgian Extensively grown for stock feeding, very productive. Grows so much above the ground that the crop can be pulled by hand. Price: Pkg. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; 1 lb. 75c; 5 lbs. \$3.50.

Cauliflower

CAULIFLOWER will succeed on soil that will produce cabbage but best results will be obtained on rich loam with an abundance of water. Sow early varieties in hot beds in February or March. Later varieties sow in a well prepared bed in May. When large enough transplant in rows 2½ feet apart and 18 inches apart in the rows.



Early Snowball

"Mt. Hood" Snowball Without doubt the best strain of "Early Snowball" for the gardener to use. Earlier and produces large solid white heads. Recommended for either early or late planting. Price: Pkt. 25c; ¼ oz. \$1.00; oz. \$3.50; ¼ lb. \$12.00.

Early Snowball This is the common strain of Imported "Early Snowball" and while it will not give as good results as the "Mt. Hood" it will produce a good crop. Price: Pkt. 10c; ¼ oz. 65c; oz. \$2.25; ¼ lb. \$6.50.

Danish Giant—Dry Weather Produces large, solid, pure white heads. Is especially adapted for growing in dry locations where other varieties would fail. Packet 10c; oz. \$1.00.

Autumn Giant Produces large compact white heads well protected by foliage. Packet 10c; oz. \$1.00.

For plants see page 14

Celery

CELERY CULTURE. Sow the seed early, February or March, in hot beds or cold frames; when three to four inches high, transplant to rows four feet apart and six inches apart in the row. The rows should be furrowed out so that plants may be set six inches deep. A few weeks before harvesting, the soil can be banked against the rows for blanching. One ounce of seed will produce about 5000 plants. Keep the plants growing—cultivate after watering.

Golden Self Blanching This is considered the best celery for the early spring market. Very stocky, hardy, solid, a good shipper. Yellowish green color when young but as the plants mature the inner stems and leaves turn a golden yellow; easily blanched. Postpaid pkt, 10c; oz. 50c.

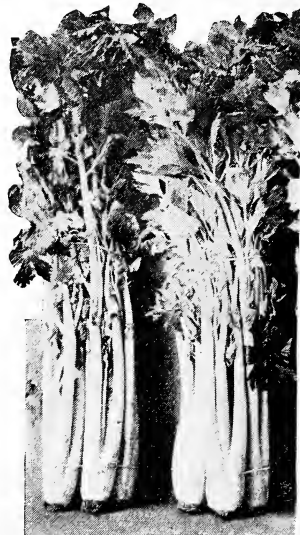
White Plume One of the most popular for early fall and winter use. Very easily grown and blanched. The earliest celery. Postpaid, packet 10c; oz. 50c.

CELERIAC—Turnip Rooted Celery

The large root is the edible portion, and is highly valued for flavoring soups or boiling with stews and other dishes. As seed takes three to four weeks to germinate, keep the sowing moist until the young seedlings appear, and when large enough to handle, transplant seedlings to stand 8 to 10 inches apart each way. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00.

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Mix pleasure with economy—plant a garden.



Golden Self-Blanching

Cabbage

One oz. for 2000 plants, ½ lb. of seed per acre.

CABBAGE CULTURE. For early plants sow seed in January or February under glass, hardened off gradually by exposing to outside air and as early as the ground is in good condition transplant to rows three feet apart and 18 inches apart in row. For late plants the seed may be sown in the field.



Early Flat Dutch

Early Flat Dutch A valuable second early variety producing very large, compact, flattened heads of good quality; sometimes nearly as large as Late Flat Dutch, which they resemble in appearance. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.40; 1 lb. \$2.50.

Early Jersey Wakefield The favorite early cabbage with our market gardeners. A sure header. The thick, stout leaves and compact habit make it the best for wintering over and very early setting.

Grown more extensively for market than any other early cabbage. Is always of good size, very solid, with few leaves. A reliable header and always gives good satisfaction. Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.40; 1 lb. \$2.50.

Early Winningstadt One of the best medium early pointed cabbages. Heads of good size, very hard and excellent quality. Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.40; 1 lb. \$2.50.



Early Jersey Wakefield

Danish Ballhead Select Short-Stem. Our strain of short-stem Ballhead is imported direct from Denmark. The fine ribbed leaves are so densely packed together that no space is left for water or air to start decay and the firm heads are famed for their superior excellence and keeping qualities. Matures late, when cut shows a fine, hard, snowy white, solid head. The best in its class. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.40; 1 lb. \$2.50.

Premium Late Dutch This improved strain possesses all the good qualities of the old favorite, "Late Flat Dutch," one of the largest of the late varieties and is a sure header. Price: pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.40; 1 lb. \$2.50.

Golden Acre A new variety, seven days ahead of the Jersey Wakefield. Heads are round, firm, and of exceptionally fine texture, heavy mid-ribs being entirely absent. Average weight is about 4 pounds to the head and have only a few outer leaves. Price: Pkg. 5c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$2.00; 1 lb. \$3.50.

Large Red Drumhead or Red Dutch

The well-known standard. Heads of large size, slightly rounded, 7 to 8 inches in diameter. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.40; 1 lb. \$2.50.

Cabbage Plants Hardy out-door grown plants, standard varieties. See index.

Chinese or Celery Cabbage—Pe Tsai

A delicious new vegetable. The plants develop quickly, forming large, tightly folded heads, well blanched in the heart. Chinese Cabbage can be served as a salad or cole-slaw; when boiled is more tender and palatable than ordinary cabbage. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00.

Cucumbers

CULTURE. Cucumbers need a warm, rich soil and should not be planted in the open ground until danger of frost is over. Plant in hills four feet apart each way, thinning to three or four of the strongest plants. One ounce will plant 50 hills. 2 lbs. to the acre.



Long Green

Long Green The fruits are long, firm and crisp, excellent for slicing, or when small they are good for pickling. The vines are very sturdy and very productive. The fruits are uniform in size and shape, slender, often a foot long, and very dark green. The best variety for sweet pickles. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

West India Gherkin A very small oval prickly sort, distinct from all others. It is grown for pickles only and must be used when young. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

We make a specialty of supplying seed to the Market Gardeners and make every effort to handle only the very best strains obtainable. We do not claim to compete with houses whose main idea is to sell at a low price regardless of quality. In such cases the seed is not cheap but very dear at any price. The first cost of good seed is small compared with the time and labor necessary to raise a crop.

The "Davis Perfect" The "Davis Perfect" is of perfect form, large size and of finest color; is crisp, delicious and almost seedless. This fine variety comes from the originator of the Davis Wax Bean and is one of the most valuable varieties for home or market. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

Early White Spine One of the most popular early cucumbers. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

Boston Pickling A very productive variety; extensively grown for pickles. The fruits are bright green of medium size, smooth and symmetrical. The flesh is crisp and tender. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

Japanese Climbing A useful variety for growing on trellis or wire. The cucumbers are long, of a dark color, white flesh, crisp, and of good flavor. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

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Put up Your Own Cucumber Pickles.

Sweet Corn

CULTURE. Do not plant until all danger of frost is past. Plant in hills 18 inches apart, rows 3 feet apart. All suckers should be removed. Have Green Corn throughout the season by planting a variety. Plant in the following order: Early Portland Market, Golden Bantam, Stowell's Evergreen.

Portland Market This is the largest of all the early varieties. Its immense size, together with its large, sweet, plump grains of purest white, on well filled ears, make it a ready seller on any market. The stalks grow strong and vigorous, but rather dwarf. **Price:** Pkg. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

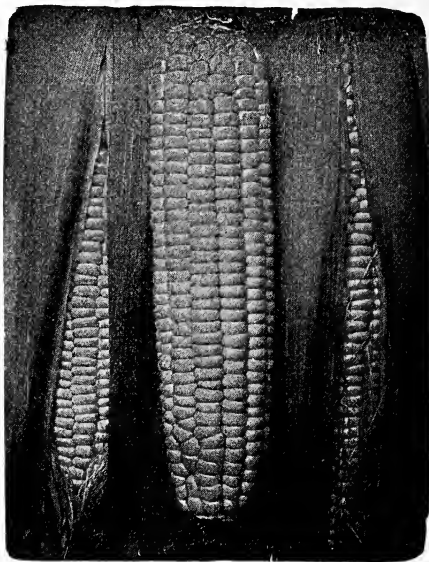
Golden Bantam The earliest and the sweetest yellow-grained sugar corn. Although the ears are not large, this is more than made up by its deliciously sweet flavor and tenderness. The ears are about six inches long and at least two ears borne on each stalk. Can be planted earlier than other sugar corn. **Price:** Pkg. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Early Minnesota This old and deservedly popular variety is one of the best early sorts for the market and private garden. **Price:** Pkg. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Country Gentleman The sugary sweetness and delicious flavor make this old time favorite one of the most desirable varieties. The slender white irregular kernels are very long, the cob small, making much more to the ear than any other variety. **Price:** Pkg. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Stowell's Evergreen Remarkable for remaining a long time in a fresh condition suitable for the table. Hardy and productive and the best late variety for general use. **Price:** Pkg. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Golden Giant A cross of Golden Bantam and Howling Mob. This is the largest of the yellow varieties, the ears measuring up to 8 inches long. The cob is small and contains from twelve to eighteen rows of long thick grains. Corn sweet and of very fine flavor and is becoming very popular. **Price:** Pkg. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

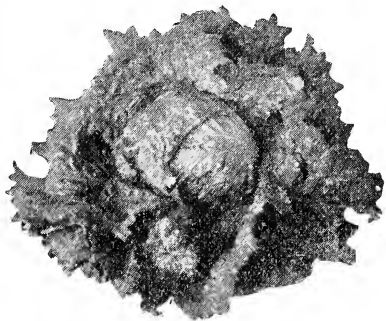


Golden Bantam

Treat Your Corn With Semesan Jr.

Lettuce

CULTURE. One of the most popular vegetables grown. The quickest growing types are the loose leaf varieties. We suggest for the home a few rows of both the leaf and heading types. 2 oz. will plant 150 feet of row; 3 pounds to the acre.



New York or Wonderful

New York or Wonderful The universal popular variety, thriving in all sections and during all seasons. A crisp, cabbage-heading lettuce, extremely large, sometimes 15 inches in diameter, and weighing two to three pounds. It is deep rooting, stands heat well, is slow to run to seed, and especially adapted for growing during the summer months. It is a sure header under the most trying conditions. The interior is beautifully blanched, creamy white, crisp, tender and delicious. Especially recommended as a standard, main crop, hot weather lettuce. Very popular with market gardeners and is equally good for home use. As we usually have a heavy demand for this variety we recommend early ordering. This is the variety planted extensively in the Lewiston Orchards and shipped in carloads all over the United States. **Price:** Pkg. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Prizehead A large, clustering, non-heading lettuce, easy to grow and an excellent variety for the home garden, but not recommended for market, as it is too tender to stand shipping and handling. The leaves are bright green tinged with red; crisp, tender and sweet. **Price:** Pkg. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 75c; 1 lb. \$1.25.

Early Curled Simpson A standard variety for forcing or for early outdoor culture. The leaves, in loose clusters, are light green in color, slightly frilled and much blistered, are crisp, tender and sweet. **Price:** Pkg. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 65c; 1 lb. \$1.00.

Black Seeded Simpson A very crisp and tender forcing variety. **Price:** Pkg. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 65c; 1 lb. \$1.00.

Grand Rapids Among the curled lettuce there is no better for forcing, and it does splendidly outdoors if sown in the fall or early spring. Does not form heads, but large compact clusters crimped around the edges; crisp and tender. One of the easiest to grow under glass. **Price:** Pkg. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.75.

Denver Market

Early, tender and of fine flavor. Heads of oval shape. **Price:** Pkg. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 75c; 1 lb. \$1.25.



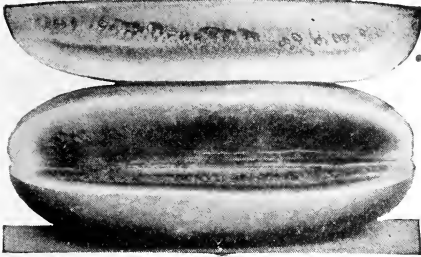
Prizehead

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The Lettuce you buy is never as crisp as that cut fresh from your own garden.

Watermelons

CULTURE. Watermelons do best on light, well drained soils, but give good results on any rich garden soil that is well cultivated. One ounce of seed will plant 30 hills; 3 to 4 pounds to an acre.



Kleckley's Sweets

Klondike One of the sweetest and most prolific melons on the market. Seeds are about half the size of others. Flesh deep red, skin dark green. As the seed are so small one pound will go as far as two of most other varieties. Price: Pkg. 5c; oz. 25c; ¼ lb. 85c; ½ lb. \$1.50; 1 lb. \$2.50.

Phinney's Early An early medium sized variety, with pink flesh, sweet and delicious. One of the best for home use. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Golden Honey A desirable yellow meated variety. Thin rind golden yellow flesh, remarkably tender and sweet. First choice with many customers for home use. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Ice Cream or Peerless The excellent quality of this very early melon is undoubted. Medium size, thin rind, bright scarlet flesh. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

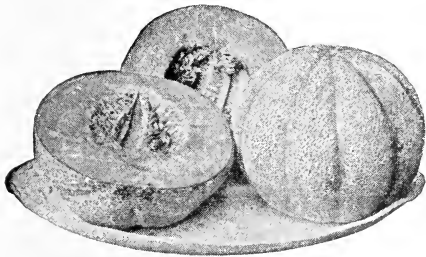
Winter Queen Sometimes called the "Christmas" watermelon, as it ripens about the first of September and can be kept until Christmas without losing any of its quality. Best adapted to sandy soils, and produces good sized melons, light green to ivory in color, and almost round in shape. Bright pink flesh, very solid, crisp and juicy. Claimed by many to be sweeter than any other melon grown. Don't fail to plant some of this variety. Price: Pkg. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 70c; 1 lb. \$1.25.

Kleckley's Sweets or Monte Cristo A splendid sort for home use or near markets. Vine vigorous and productive; fruit of medium size; oval; color, dark mottled green in two shades, forming indistinct stripes. Flesh a beautiful rich red; exceedingly sweet and tender. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Citron Grown for preserving and pickling. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Muskmelons or Cantaloupes

CULTURE. After all danger of frost is past, plant in hills four to six feet apart. Do not plant too deep. 1 ounce to 50 hills; 2 to 3 pounds to acre.



Rocky Ford

Extra-Early Hackensack This is a selection of the popular Hackensack, ripening fully 10 days earlier. Melons of good size, heavily ribbed and netted, thick, light green flesh of fine flavor. Quickly taking the place of the ordinary Hackensack. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Salmon Tinted Pollock 10-25 Meat of fine texture, deep and firm. Color of meat green one-half the depth from rind, the remaining one-half a deep salmon color. Flavor the finest. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Burrell's Gem The fruits are 6 to 7 inches long by 4½ to 5 inches in diameter, rather sharply sloping at the ends. Well ribbed and covered with a fine grayish netting. The skin is rich dark green, contrasting finely with the deep orange-salmon flesh; sweet and tender. The flesh is thick and firm, ripening close to the skin. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Rocky Ford No other cantaloupe finds such ready sale in the large markets; it is always in demand at good prices. Very uniform in size and quality, thickly netted, distinctly ribbed and firm flesh. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Hearts of Gold Shape slightly oblong, medium size, skin thin, flesh a rich deep orange color, fine grain and of remarkable sweetness and spicy flavor. Very small seed cavity. No other melon equals it for shipping purposes. Price: Pkg. 10c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

Honey Dew Fruits with smooth, almost white rind, measuring about six inches in diameter by seven to eight inches long. The green flesh is thick and is of a peculiar sweet flavor. To have the melons in the best condition, gather as soon as they slip from the vine and store in a cool place for two or three days. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Banana A long salmon fleshed variety of good flavor, growing about fifteen inches long. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

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No order too small or too large.

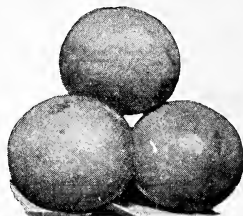
Muskmelons or Cantaloupes (Continued)

Casaba A large green-flesh melon. A good yielder and keeper. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

New Golden Honey Dew A new melon developed in the Rockyford, Colorado district. Has a rich, golden orange flesh, spicy and sweet. A long keeper. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 85c; 1 lb. \$1.50.

Early Waters Netted Gem The earliest strain of the "Rockyford." It sets a very heavy first crop. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Early Osage A fine melon for nearby markets, large and uniform in size. Flesh is orange salmon colored, fine grained, firm, spicy and sweet. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.



New Golden Honey Dew

Onion Seed

CULTURE. On land that is thoroughly plowed, disked and harrowed, sow onion seed in rows 18 inches apart using two to four pounds to the acre. Planting should be done as early as the ground can be properly worked.



Yellow Globe Danvers

Sweet Spanish A large sweet onion introduced into this country from Spain in recent years, and can be grown very successfully here; the onions are equal to those that used to be imported. Has no bite, nor objectionable strength, being mild, sweet flavored, fine, firm meat of tender texture. Price: Pkg. 10c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.

Large Red Wethersfield A standard variety; one of the most productive kinds, even in poor soil. Its good keeping qualities render it one of the best for shipping. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

White Portugal or Silver Skin Bulb flattened, thick through, skin clear white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. Used extensively in the spring for green and bunch onions. Price: Pkg. 10c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.

Yellow Globe Danver A very popular variety, especially for market. It is globular in form; very solid and one of the best shippers. The skin is brownish yellow and the flesh is fine grained, creamy white, crisp, mild and of excellent flavor. One of the best main crop. Price: pkt. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Texas Yellow This variety is fast becoming the most popular onion for the market gardener. It is unusually mild in flavor, and is a good keeper. A perfect globe shape, with small top, light straw colored. It has gained great popularity the last few seasons in the Yakima Valley on account of the large yields, the big demands, and prices received. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$1.75; 1 lb. \$3.00.

White Pearl or Queen The best of all for small pickles and the earliest maturing onion in cultivation. The bulbs are small, pure white and uniform in size and shape. Price: Pkt. 5c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.

Australian Brown An excellent keeping variety of medium size. The bulbs are flattened and mature a few days earlier than the Danvers. Price: Pkt. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Prizetaker The handsomest and largest Yellow Globe Onion. Of fine flavor, handsome shape and enormous size. A perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Southport White Globe Wonderful yielders of firm, solid, handsome globe-shaped onions; sure croppers and splendid keepers. Price: Pkg. 5c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.

Yellow Bermuda This valuable onion is the most profitable variety for the grower. It is easily cultivated, grows to a large size and is very mild in flavor. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$1.75; 1 lb. \$3.00.

Onion Sets

	1 lb.	2 lbs.
Bottom Yellow Danvers	\$0.15	\$0.25
Top Sets .....	.15	.25
Garlic Sets .....	.25	

BERMUDA ONION PLANTS

The new way of raising the large, mild, sweet onion. These onions are not grown from sets but from plants. You can raise them in your own garden and get as good onions as those that are shipped in from Texas. These are the same kind of plants that the Texas growers are using. They grow fast, and can be used for green onions or you can allow them to mature. The plants are field grown and are well hardened and will stand shipping and transplanting. A large number of our growers had fine success with them last year. They come packed 100 in a bunch. Price postpaid: 45c per 200; \$1.00 per 500; \$1.85 per 1000; \$9.00 per 6000.

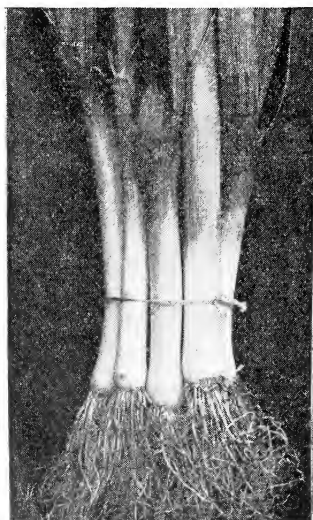
Okra or Gumbo

CULTURE. Seed can be planted from middle of March until the latter part of August. 1 oz. of seed to 50 foot row. This vegetable produces long and nutritious pods which when young are used in soups and stews, adding a rich flavor.

White Velvet Pods round, smooth and free from seams. Fine flavor. Price: Pkt. 5c; oz. 25c.

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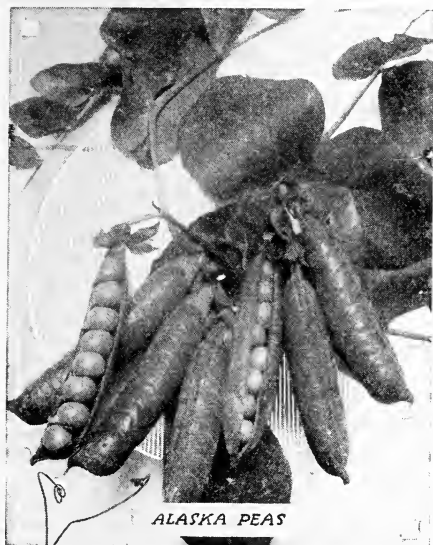
Plant a garden.



Bermuda Onion Plants

Garden Peas

Peas should have a large place in every home garden. By a careful selection of variety and frequent plantings you may have a continuous crop throughout most of the season.



ALASKA PEAS

We suggest:

Early—Alaska, Blue Bantam, Laxtonian, American Wonder.

Second Early—Gradus, Little Gem, Nott's Excelsior, Stratagem, Admiral.

Late—Telephones, Everbearing.

Alaska, or Earliest of All A well-known smooth seeded, extra early variety, extensively used by canners. The vines are strong and vigorous, two feet high and of light green color. The pods are about three inches long, and are well filled with round, blue peas, slightly pitted. Price: Pkt. 5c; ¼ lb. 10c; ½ lb. 15c; 1 lb. 25c; 10 lbs. \$2.00.

Gradus or Prosperity The earliest wrinkled variety. Vines grow from two to three feet high. A large producer of fine flavored peas. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Nott's Excelsior A particularly good extra early dwarf wrinkled pea, coming in only a few days after the extra early smooth kinds. Pods average 3 inches long, and are full of large peas of unusually sweet flavor. One foot high, of vigorous constitution and great yielding power. Price: Pkg. 5c; ¼ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

American Wonder Very early and of dwarf, compact growth, about 12 inches high. Very popular with those who object to making a support for the vines. The pods are about three inches long, straight, round, blunt at the ends, and light green. The peas are of medium size, wrinkled, and of fine quality. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Dwarf Telephone A large podded second early variety. A large yielder. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Tall Telephone Extra large yielder of big pods, vines grow from four to five feet tall. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Little Gem A medium early dwarf variety, growing about fifteen to twenty inches high, robust, branching and productive. The pods are about three inches long, well filled with medium sized, green wrinkled peas. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Blue Bantam A splendid large podded variety of the Laxtonian type. Height about 15 inches. Vines stout and healthy. Medium dark green; dark green pointed pods 4 inches long containing 6 to 8 deep green peas of excellent quality. Very popular with the market gardeners. Price: Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Laxtonian One of the leading dwarfs. A large podded variety on the order of Gradus, though more dwarf and a little earlier. Height 1½ feet, pods and vine dark green; pods 3¾ inches long, straight and pointed, containing 6 to 8 large dark green peas. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Improved Stratagem One of the best of the large podded peas; the pods are of immense size filled with large dark green wrinkled peas of the finest quality; vine of medium height, but very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Green Admiral A small seeded, wrinkled pea is especially good for home canning. Very productive and of fine flavor. A common favorite. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Everbearing The vines attain a height of 2½ to 3 feet; foliage large; the pods will average 3 to 4 inches in length, each pod producing 6 to 8 wrinkled peas. These peas are very large, being half an inch and over in diameter, and in quality unsurpassed. For a continuance of bearing this variety is unexcelled. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Dwarf Grey Sugar Luscious in flavor. An edible pod pea growing about two feet in height. Pods very delicious when cooked same as green or wax beans. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 40c; 10 lbs. \$3.50.



Nott's Excelsior



Hollow Crown Parsnips

Parsnips

PARSNIP CULTURE

As Parsnip seed germinates very slowly, sow as early in the Spring as possible in rows 18 inches apart. Thin to 3 or 4 inches. The roots are improved by freezing.

Hollow Crown or Long White Roots, very long, white, smooth, tender, sugary, and most excellent flavor. Very hardy; will keep thru the winter without protection. Price: Pkg. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.

ALL PRICES ON THIS PAGE ARE POSTPAID.

Can Your Own Vegetables.

Peppers

One ounce to 1500 plants.

CULTURE. Sow early in hot beds. When three to four inches tall transplant to well cultivated and highly fertilized soil.

Chinese Giant Very mild in flavor and a favorite for the home garden. Rich, deep green when unripe and bright scarlet red when ripe. Flesh thick, mild and sweet.

Ruby King An ideal pepper for either the home or market gardener. Fruit grows to a size of four to five inches in length and three to three and one-half inches in diameter. Color dark green when young, turning to a bright ruby red. Flesh thick, crisp and tender.

Large Bell or Bull Nose Large, mild, thick fleshed variety. Fine for stuffing.

Cayenne Pods small, long and tapering. Coral red when ripe, very hot and strong, best kind for seasoning pickles.

Chili Pods small and pointed; bright scarlet; very pungent when ripe. All peppers postpaid, price pkt. 5c; oz. 60c.

For Plants see Page 14.



Ruby King

Seed Potatoes (Non-Irrigated)

POTATO GRADES

STATE CERTIFIED STOCK—Potatoes that have been grown, rogued, and inspected under the rules established by the states in which they are grown. They are packed in new bags of 100 lbs. net weight and the State Certificate Tags accompany each shipment.

NON-CERTIFIED—Potatoes that have been specially grown for seed, but were not certified. Fields were carefully rogued and varieties are true to name.

PRICES F. O. B. LEWISTON

STATE CERTIFIED—Early Red Ohios, Cobblers, Bliss Triumphs, Netted Gems. 10 lbs. 65c; 25 lbs. \$1.25; 50 lbs. \$1.75; 100 lbs. \$3.00. Write for special low prices on quantities.

NON-CERTIFIED—Early Ohios, Cobblers, Bliss Triumphs, Earliest of All, Earl Rose, Early Sunrise or Pink Eye, Netted Gems. 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.25. Write for special low prices on quantities.

We strongly recommend the treatment of seed potatoes with SEMESAN BEL. (See page 27.)

Our seed potatoes are raised under our personal supervision on the non-irrigated lands of the Palouse and Camas Prairie. Selected seed is used and the fields thoroughly rogued and only the strong healthy plants left to mature. The potatoes are stored under the proper conditions for seed and then hand sorted before being shipped.

Idaho Early Irish Cobbler A splendid extra early variety, and the best for early market. The tubers are handsome, almost round, larger than most other early potatoes, and uniform in size and shape. Prolific yielders. The skin is creamy white.

Bliss Triumph One of the earliest and largest yielders. Tubers round and smooth. Pink color.

Earliest of All It is about two weeks earlier and more productive than many other varieties. It is a round, white potato, very similar to Irish Cobbler, is uniform in size and shape, smooth, and of fine quality.

Early Rose The old standard early potato, is one of the best early varieties. Early Rose is too well known to require much description. It is of good size, oblong, the skin is a rosy blush and the flesh is white.

Early Red Ohio Grown on high dry land. One of the best pink potatoes, similar to Early Rose. Tubers round, oblong shape. Eyes rather shallow but strong. A heavy yielding dependable variety. An old favorite that is still popular.



Irish Cobbler

Early Sunrise or Pink Eye This is one of the earliest and best potatoes on the market, and is becoming more popular with our growers each year. Resembles the Early Rose in shape and color, but is earlier, a better yielder and a superior keeper.

Netted Gem Some times called California Russett, Burbank, Idaho, Russett, etc. A splendid main crop late potato that gives good results in dry sections. Tubers are elongated, medium sized with russet netted skin; flesh white, eyes are flush with surface; good keeper and produces a fine yield. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type.

"PLANT A GARDEN"



Early Red Ohio

For best results treat your Seed Potatoes with Semesan Bel.

Pumpkins

CULTURE—Pumpkins can be planted with corn, or in the field by themselves. Plant in hills 8 by 10 feet each way; leave four strong plants to the hill. $\frac{1}{2}$ lb. of seed to 100 hills, 3 to 5 lbs. per acre.



Sugar Pumpkin

Sweet or Sugar A handsome and productive small pumpkin, skin, orange; flesh, deep yellow, fine grained, very sweet. This is the famous "New England Pie Pumpkin." Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; 1 lb. 90c.

Giant of All "King of Mammoths." This colossal pumpkin is almost a globe shape. The skin is of a beautiful rich golden yellow, flesh firm, fine grained and deep yellow, sweet flavored, very thick and of excellent quality for so mammoth a variety. These pumpkins attain an enormous size and will carry away prizes at your county fair. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; 1 lb. 80c.

Connecticut Field A large, productive, orange colored field pumpkin, usually grown for stock, but good for pies. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; 1 lb. 80c.

Tennessee Sweet Potato Shape similar to a bell, skin and flesh white, very thick and sweet. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Kentucky Field or Large Cheese A popular variety, skin mottled light green and yellow, changing to rich cream color. Flesh yellow, thick and very nutritious. Excellent for pies and also grown in large quantities for stock. Price, Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 40c; 1 lb. 75c.

Radishes

CULTURE—To have radishes crisp and tender, they must be grown quickly, and therefore require good soil and plenty of moisture. Plant the seed as early as possible, and for a successive supply until late in the season, sow at intervals of ten days in ground that has been deeply dug. Radishes can also be grown between rows of beets, lettuce, etc. One oz. will sow 100 feet of drill.

Early Scarlet Globe A small round, red turnip-shaped radish, with small top and very quick growth; very early; rich color and crisp, tender flesh. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Early Scarlet White Tipped This is the favorite little round red radish with the white tip. Planted early in the spring it matures in 25 to 30 days. They are crisp and tender, and the flesh is snow white. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Early Long Scarlet An early variety of long type of radish, as popular for market as well as home use. The roots are straight, long and smooth. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

French Breakfast This radish is a great favorite for family use and home gardens. Olive shaped of rich scarlet color, shading gradually to white at the tip. Should be pulled for eating when about medium size. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.



French Breakfast

White Icicle This superb radish is the finest and longest of the very early pure white varieties. Planted in the spring is ready for use in twenty to twenty-five days; their long, slender form and pure, paper-white skin are most attractive when bunched for market. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Winter Varieties

China Rose Do not sow this variety earlier than July, and pull before severe frost. Is a very good keeper. The China Rose is shorter and thicker than the Long Scarlet, and is bright rose in color. Flesh is very solid and white. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Black Spanish An excellent winter radish. Skin black, flesh white and highly flavored. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.



WHITE TIPPED SCARLET RADISH

Rhubarb or Pie Plant

CULTURE—Rhubarb is as easily grown from seed as from roots. It will grow almost anywhere in the garden, is very productive and will thrive for years. Sow in drills 1 inch deep, 3 to 6 inches apart. In the fall, transplant into good rich soil, about 4 feet apart each way.

Victoria The best variety for family use. Is hardy, and of excellent flavor. Where good table quality is desired, the Victoria cannot be beaten. Price, oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60; 1 lb. \$1.00.

For Roots see Page 14.

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Grow Lots of Pumpkins—Store for Winter.

Spinach

One ounce will sow about 80 feet of row, ten lbs. to the acre. Spinach thrives in any ordinary soil and is a very easy crop to raise. For early spring use seed should be planted in the fall.

Thick-Leaved Improved A superior variety. It is especially good for early spring and successive planting for summer use, but is also an excellent variety for fall planting for winter and early spring use. A long standing variety, slow in going to seed. Price, Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Bloomsdale Savoy A variety that has become a great favorite within late years. The numerous leaves are curled and wrinkled. A very productive variety, popular with market gardeners. Price, Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Mammoth Victoria Produces large, dark green leaves, somewhat crumpled. Price, Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Long Standing Has large, thick, round leaves. Very hardy. Adapted for either fall or spring planting. Slow to go to seed. Price, Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Prickly Leaf The hardest variety of all. The best variety for fall sowing where winters are severe. Leaves long and pointed. Price, Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.



Bloomsdale Savoy Spinach

Salsify, or Vegetable Oyster

One ounce will sow about 50 feet of row. Sow about one inch deep.

Salsify is one of the most delicious and nutritious of vegetables. Soups and salads made from it have a delicious oyster flavor. Are nice fried in butter or boiled and made into fritters.

Mammoth Sandwich Island The largest variety and the most popular. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Squash

CULTURE: The squash is one of our most valuable and nutritious of vegetables. Both the summer and winter varieties should be planted to secure a continuous supply throughout the summer and winter. One ounce will plant 25 hills, 4 lbs. to the acre.



Improved Hubbard Squash

Improved Hubbard An improved strain of the old well-known standard variety. The flesh is a rich golden yellow color, very fine grained, solid and sweet. The shell is very hard. An excellent keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Golden Hubbard The same shape as the Improved, but the color of the shell is a deep orange-yellow. Flesh deep golden yellow. Fine grained, cooks very dry and of excellent flavor. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Delicious An excellent variety for the home, resembles the Hubbard but surpasses it in the opinion of some as the shell is not so hard and is smaller. Flesh is thick and of finest quality. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Banana A great favorite wherever grown and growing in popularity every year. Grows from one to two feet long. Color bright yellow to olive green. Flesh orange colored, firm and solid. Recognized as the sweetest squash grown. Price, Pkt. 5c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.75.

Acorn or Table Queen Sometimes called the Des Moines or Individual. This is a small acorn shaped squash with dark green skin. Flesh golden yellow. Are served individually by cutting open lengthwise from stem to blossom end, cleaning out seed and placing a large lump of butter in one half, place the two halves back together again bake, serve in the shell. Price, Pkt. 5c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.75.

Sibley or Pikes Peak Smooth shell, thin and a pale green color; the flesh is thick, solid, deep orange color. Very dry, fine grained and a fine flavor. A good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Boston Marrow The favorite fall and winter squash of the Eastern States. Of large size. Color a deep orange, excellent flavor and a good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Mammoth Chile This is the great exhibition squash and under special cultivation will attain a great weight and are very attractive in appearance. The skin is a rich orange-yellow, the flesh yellow and very thick. Always fine grained and sweet. A good winter keeper of highest value as a stock feed. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Summer Crookneck Very early, prolific, solid curved neck, skin yellow, thin. Flesh tender and good quality. Price, Pkt. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 75c; 1 lb. \$1.25.

Early White Bush Scallop An extra early variety that is ready for use before any of the other varieties. Easy to grow and should be in all gardens, large or small. Vines will continue to bear if fruit is kept picked off. Price, Pkt. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 75c; 1 lb. \$1.25.



Summer Crookneck Squash

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Spinach and other Greens are essential in your diet.

Tomatoes

All Our Tomato Seed Treated with Semesan



John Baer

John Baer This variety is the result of fifteen generations of breeding; it produces perfect, solid, high crown, brilliant, red tomatoes. They ripen ten days before Earliana, bearing 50 to 100 fruits per plant. The flavor is deliciously sweet. The plant will stand plenty of fertilization without going to vine. Keeps well; is a good shipper; a prolific, continuous bearer, and has the unusual remarkable feature of being easily peeled, the skin slipping readily from the rich, firm flesh. Resistant to wilt and other diseases. Price, Pkt. 5c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$1.75; 1 lb. \$3.50.

King of the Earliest The earliest good tomato on the market. Color a deep dark red. Flesh thick, smooth, firm and with few seeds. Finest quality. A heavy yielder for an early variety. If you live in a climate where your season is short try this variety. Price, Pkt. 5c; oz. 30c; ¼ lb. 85c; ½ lb. \$1.50; 1 lb. \$2.50.

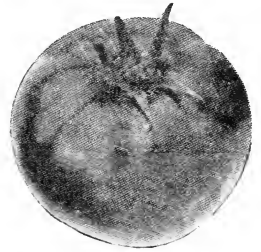
Sparks Earliana A favorite with the market gardeners. Very early, productive and a good shipper. Fruit a deep scarlet medium to large. Nearly round and exceptionally smooth for an early variety. Price, Pkt. 5c; oz. 30c; ¼ lb. 85c; ½ lb. \$1.50; 1 lb. \$2.50.

Mariglobe A new variety developed by United States Department of Agriculture. Very wilt-resistant and is a handsome deep red, globe-shaped tomato of great merit. Plants are vigorous, dark green and productive; fruits are quite large. A very desirable tomato for salad or slicing. Excellent for canning. Pkt. 5c; oz. 45c; ¼ lb. \$1.50; ½ lb. \$2.75; 1 lb. \$5.00.

Yellow Pear A small pear shaped tomato. A very heavy yielder. Very hardy. Excellent for preserving. Pkt. 5c; oz. 60c; ¼ lb. \$2.00; ½ lb. \$3.50; 1 lb. \$6.00.

Ground Cherry or Husk Tomato Grows to great perfection under ordinary culture, yielding abundantly; very much prized for preserving; should be in every garden. Price, Pkt. 5c; oz. 60c; ¼ lb. \$2.00; ½ lb. \$3.50; 1 lb. \$6.00.

Tomato Plants See Page 14



Chalk's Early Jewel



Purple Top Strap Leaf

Turnips

Turnip is one of the first seeds that can be sown in the spring. For early summer use sow as soon as ground can be worked. For winter use, sow from the middle of July to end of August. 1 oz. of seed will plant 150 feet. 1 lb. per acre in drills. 2 lbs. broadcast.

Purple Top Strap Leaf A leading white-fleshed variety, and one of the best. either for the family, market garden or field crop. It is medium size, and produces a large crop. The flesh is firm but tender, and of a superior rich buttery flavor. A good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Purple Top Globe One of the most popular turnips, being both early and sweet. Flesh snow white, crisp, sweet and solid; skin is pure white and smooth except at the top which is a reddish purple. A good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Yellow Aberdeen Pale yellow in color with purple top. Very hardy, productive and a good keeper. Flesh very firm, but tender and sweet. Good for table use or stock feeding. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Cow Horn or Long White A carrot shaped variety, pure white except a green shade at top. Grows large and partly above ground. Has a fine flavor, and is a rapid grower. Good for market use, and is grown very largely for feeding stock. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Early White Egg This is a good, firm, solid and sweet flavored variety. Produces egg shaped roots with thin white skin. Is a very quick grower, being very suitable for both market and home gardens. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Grey Stone White flesh, bronze top (greenish purple) perfect round shape. This is a quick grower and can be especially recommended for early harvesting in autumn. A big cropper. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Extra Early Purple Top Milan As the name implies this is a very early variety, growing turnips of excellent quality. The tops are very small and strap leaved. The roots are semi-flat, purple on top and clear white below. Price, Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Early Snowball This snowy white perfect shaped turnip matures in seven weeks. Is crisp, solid and of fine flavor. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Rutabaga

All kinds of stock relish and thrive on rutabagas when fed in combination with hay. If planted the last of July or first of August, the tops make an excellent pasture for sheep during the fall, and the rutabagas furnish succulent food for the stock throughout the winter. Yield is very heavy. Also popular for table use.

Improved Yellow Purple Top The popular standard variety both for stock feeding and table use; flesh yellow, solid and sweet. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

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Grow your winter supply of Turnips.

Miscellaneous Seeds

BRUSSELS SPROUTS

These are miniature cabbages produced from the side of the stalk. They are regarded as a great delicacy, cooked and served in the same manner as cauliflower. Sow in hot beds in March or April and in the open ground in May. Cultivate the same as Cabbage. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

COLLARDS

A plant similar to cabbage. It does not, however, produce a head. The center leaves are very tender and used as a pot herb. Are also desirable as greens for poultry and rabbits. Cultivate same as cabbage except plant three feet apart each way.

SOUTHERN GEORGIA—This is the old favorite. Light green leaves. Pkt. 5c; oz. 20c; ¼ lb. 65c.

CRESS or PEPPER GRASS

Grows very quickly from seed sown thinly in drills. Used with lettuce to which it adds an agreeable pungency. Leaves are curled and very ornamental. Pkt. 5c; oz. 25c; ¼ lb. 85c.

EGG PLANT

Should be started in hotbeds and transplanted using same methods as for tomatoes.

NEW YORK IMPROVED—This variety is the general favorite for both market and home gardeners. Very prolific, usually produces four to six large fruits to a plant. Color dark purple. Pkt. 5c; oz. 65c; ¼ lb. \$2.00.

ENDIVE

Culture same as for lettuce. Very hardy, grown principally for winter salad.

GREEN CURLED—Hardy, vigorous grower with deep green leaves. Pkt. 5c; oz. 20c; ¼ lb. 65c.

KOHLRABI

This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb, which forms on the stem above the ground. The bulbs have a mild, delicate, cabbage-like flavor. The plants are hardy and the seed may be sown practically all the year round. Plant like turnips and thin to six inches apart in row. One ounce of seed will produce 2000 plants.

EARLY WHITE VIENNA—Flesh white and tender. Pkt. 5c; oz. 25c; ¼ lb. 75c.

PARSLEY

Culture same as lettuce. Parsley is used mostly for seasoning and garnishing. Its flavor is exceedingly pleasant.

CHAMPION MOSS or TRIPLE CURLED—The most popular variety for both the home and market garden. Pkt. 5c; oz. 20c; ¼ lb. 60c.

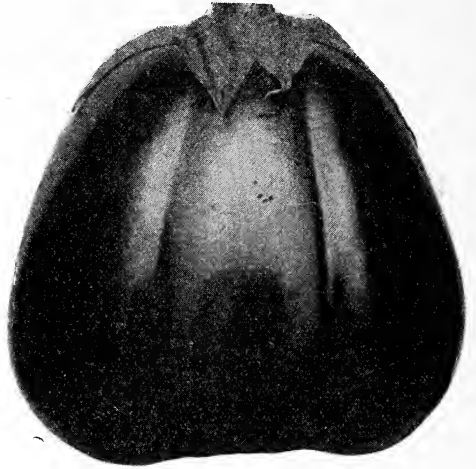
TOBACCO

CONNECTICUT SEED LEAF—Hardy, and the best adapted to cool localities. Grows to a height of about five feet. Pkt. 5c; oz. 75c.

FLOWER PLANTS

	Per Doz. Postpaid
Pansy Giant Mixed.....	\$.50
Aster Giant Comet.....	.50
Asters Crego Mixed.....	.50
Zinnia Dahlia Mixed.....	.50
Snapdragon.....	.50
Marigold, African.....	.50
Petunias, Balcony.....	.50
Salpiglossis.....	.50
Clarkia.....	.50
Burning Bush.....	.75
Snow in Mountain.....	.75
Salvia-Flowering Sage.....	.50

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New York Improved Egg Plant

HERBS

ANISE—An annual, cultivated principally for the seed, which has a fragrant smell and pleasant taste, used for medical purposes; leaves used for garnishing and flavoring. Pkt. 5c; oz. 25c.

CATNIP—Perennial, leaves and young shoots used for flavoring. Pkt. 5c; oz. 40c.

DILL—One of the most widely grown herbs. The seed are used in soups, sauces, and stews. The stems, leaves, and flower heads are used to make dill pickles. Pkt. 5c; oz. 20c.

FENNEL—Used for garnishing and fish sauce. Pkt. 5c; oz. 30c.

HOREHOUND—This herb is used for flavoring candy, also in medicine. Sometimes planted as bee pasture. Pkt. 5c; oz. 50c.

SAGE—The most widely grown herb for seasoning. The leaves are used either green or dry. Pkt. 5c; oz. 50c.

SUMMER SAVORY—A hardy annual. When dried the stems, leaves and flowers are used for flavoring soups and dressings. Pkt. 5c; oz. 50c.

SWEET MARJORAM—The tops are used either green or dry for seasoning. Pkt. 5c; oz. 40c.

THYME—Used for flavoring soups, sauces, dressings. Pkt. 5c; oz. 60c.

WORMWOOD—Used as a tonic in the form of tea. Pkt. 5c; oz. 50c.

ROOTS AND PLANTS

LOCALLY GROWN, TRANSPLANTED HARDY STOCK

	Postpaid Doz. 100	Not Postpaid Doz. 100
Early and Late Cabbage Plants...	\$0.20	\$0.15
Early and Late Tomato Plants...	.30	.25
Cauliflower Plants .....	.30	.25
Pepper Plants .....	.30	.25
Egg Plants .....	.30	.25
Celery .....	.30	.25
Sweet Potato Plants .....	.30	.25
Gold Dollar Strawberry Plants...		1.50
New Oregon Straw B. Plants.....		1.50
Everbearing Straw B. Plants.....		1.50
Asparagus Roots.....		2.00
Two year Rhubarb Roots, 2 for 30c, postpaid; 2 for 25c, not postpaid.		
Horse radish roots, 2 for 15c, postpaid.		

Our Roots and Plants are from locally grown, well selected, hardy stock.



Asters DWARF MIXTURE—In this mixture only the most distinctive and desirable colors of dwarf asters are used, being especially selected so as to give you satisfaction. **Packet, 10c.**

Asters TALL MIXTURE—This mixture is selected from the best of the tall varieties, in beautiful and striking colors. **Packet, 10c.**

Giant Crego Asters AZURE BLUE—A beautiful shade of deep skyblue with just a shade of pink. A free bloomer with large double flowers on long stems. **Packet 10c.**

PINK—A lovely shell pink aster of great size. **Packet, 10c.**

LAVENDER—A pleasing shade of silvery lavender. **Packet 10c.**

PURPLE—This is an outstanding favorite with many gardeners. A deep rich purple. **Packet 10c.**

WHITE—Pure white flowers of large size. They are always double and never show a yellow center until they are long past their prime. **Packet 10c.**

CRIMSON—A brilliant crimson shade. **Packet 10c.**

Giant Crego Mixed A mixture of the above choice varieties. **Packet 10c.**

Abronia SAND VERBENA—An excellent Verbena like trailing plant with fragrant flowers of bright rose with white center. Does very well in a dry, poor soil and sunny situations on rock work. **Pkt. 10c.**

Adonis PHEASANT'S EYE—Large star-shaped yellow flowers used for rock gardens and borders. Is one of the earliest flowers to bloom. **Pkt. 10c.**

Alyssum SWEET ALYSSUM—Blooms early and lasts through until fall, and shows up to an advantage in borders. Is covered with spikes of small flowers, giving a very pleasing effect. **Pkt. 10c.**

Acrolinium EVERLASTING FLOWER—A pretty everlasting, with daisy-like flowers of bright rose. When cut in bud state can be dried and used in the home, or for bouquets in the winter. **Pkt. 10c.**

Amaranthus LOVE LIES BLEEDING—An annual with long drooping spikes of blood red flowers, useful for borders of tall plants. When planting, give them sufficient room to fully develop. Can be flowered in small pots under glass. The foliage is brilliant. **Pkt. 10c.**



Cannas

Antirrhinum SNAPDRAGON—One of the most valuable flowers which can be readily grown from seed. Large flowers of gorgeous coloring, and very fragrant, produced on immense long spikes, making them well adapted for cut flowers. **Pkt. 10c.**

Arctotis Grandis AFRICAN DAISY—Grows branched bushes 2 to 3 feet high, with daisy-like, showy flowers of pure white on the upper surface, the reverse of petals pale lilac blue. Is valuable as a cut flower, the blooms lasting a week or ten days in water. It delights in a sunny situation, and is very easily grown from seed. If undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. **Pkt. 10c.**

Bachelor Button CORN FLOWER—Hardy annual, of simple beauty. Easily cultivated and produces flowers of great variety of rich colors. **Packet, 10c.**

Balsam LADY SLIPPER—A favorite garden flower, producing masses of beautiful, brilliant colored double flowers in great profusion. Succeeds in a good rich soil, and plenty of water. To grow fine specimens the plants should be set from 12 to 18 inches apart. **Pkt. 10c.**

Begonia EVERBLOOMING BEDDING VARIETY—A continuous flowering section of Begonias is of great value for bedding. They are of sturdy growth, about 1 foot high, forming dense bushes, which are completely hidden with flowers of different shades. Easily raised from seed, and as pot plants for winter flowering they are unexcelled, remaining a sheet of bloom throughout the year. **Pkt. 10c.**

Calendula POT MARIGOLD—One of the best hardy annuals, growing in any good garden soil, and producing a fine effect in beds or mixed borders. Continues blooming from early summer until freezing weather. **Pkt. 10c.**

Calliopsis Very graceful border plants. Beautiful free blooming annuals, producing an abundance of showy flowers, which are prized for bouquets and vases. They will thrive anywhere and the flowering season can be lengthened until late autumn by keeping the old flowers cut off. **Pkt. 10c.**

Canary Bird Vine Rapid growing annual vine, with canary yellow blossoms resembling a bird with wings half extended. **Pkt. 10c.**

Candytuft Profuse bloomers. They soon flower from seed, and remain long in blossom. Are especially adapted for massing, and for edging and borders; also greatly prized for cutting. **Mixed Packet, 10c.**

Canna INDIAN SHOT—Enormous brilliant clusters of bloom borne on spikes above broad leaves of green or bronze, in tropical effect. These are grown from roots, but can be successfully grown from seed if planted early. The seed should be soaked in warm water until it starts to swell and then sow in sandy soil and keep in hot bed or house until the proper season to plant out. **Pkt. 10c.**

Canterbury Bell These fine old plants are rich in color, profuse in bloom and of easy culture. Cup and saucer. Mixed colors, **Packet, 10c.**

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No home is so beautiful but that something is lacking without flowers.

Cardinal Climber Considered one of the most beautiful and brilliant annual climbers. Rapid grower with fern-like foliage covered with cardinal red flowers. **Packet, 10c.**

Carnation The Carnation has long been prized as a hardy border flower. It is free flowering, and easily grown, either in flower beds, borders or pots. It is one of the most valuable and beautiful of our summer flowers and a favorite with everyone. Plants raised from seed bloom more profusely than propagated plants, and are therefore to be preferred. **Marguerite Mixed. Packet, 10c.**

Chrysanthemum The single flowering annual Chrysanthemum are showy and effective garden favorites, extensively used for cut flowers. **Mixed. Packet, 10c.**

Clarkia Clarkia are popular summer annuals, hardy; can be grown easily in ordinary soil. Useful for bedding and borders. Grows about 18 inches high and bears bright rose, purple and white flowers. **Best Mixed. Packet, 10c.**

Cup and Saucer Vine **COBAEA SCANDENS.** Of rapid growth, 10 to 20 feet tall. The young flowers are light green, changing to rose purple as they open up fully. In warm climates this will live outdoors all the year round. **Pkt. 10c.**

Cockscomb (*Celosia Cristata*)—Very attractive and showy, producing massive heads of red, purple and yellow flowers. **Mixed. Packet, 10c.**

Columbine **AQUILEGIA**—No plant grown from seed is more easily grown and handled, than Columbine. Seed may be sown in the open ground early in the spring, and will, in some cases, bloom the same season; or they may be planted in August or September and will come up early in the spring and make vigorous plants which will bloom profusely during the late spring and summer. **Packet, 10c.**



Cosmos

Shasta Daisy Immense white flowers borne in great profusion. Easy to grow even in poor soil. Makes a fine display, blooming throughout the season. Grows 2 to 3 feet tall. **Pkt. 10c.**

Dusty Millers Dusty Millers are sometimes classed as Cinerarias. They are extremely showy, with their silvery white leaves. The plants grow 8 to 12 inches tall and lend themselves particularly well for borders to taller growing Annuals or Perennials. **Packet, 10c.**

Forget-Me-Not **MYOSOTIS**—These are considered among the best spring flowers. Respond to good treatment, and flourish in shady, moist situations. The National flower of Belgium. **Mixed Packet, 10c.**

Gaillardia **BLANKET FLOWER**—Grows in compact bushy form about 2 feet high and the same in breadth. Bears freely from early spring to late fall, brilliant flowers in red and yellow, blended and shaded. **Mixed colors. Pkt. 10c.**



Carnations

Coreopsis Large, showy, bright yellow flowers produced in great abundance from June until frost. Height 1 to 2 feet. **Packet, 10c.**

Cosmos Beautiful summer and autumn blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut flowers for Fall when other flowers are scarce. Should be sown in spring, in the open ground when danger of frost is past, or the seed may be started under cover and transplanted. Plant not less than 18 inches apart. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. **Mixed colors. Packet, 10c.**

Cypress Vine Rapid growing climber with fern-like foliage dotted with small star-shaped flowers, orange scarlet and white in color. Soak seed before planting. **Pkt. 10c.**

Coleus **FLAME NETTLE**—The handsomest foliage plant that can be raised from seed. The leaves often measure 10 inches in length and eight inches wide, heart shaped, crimped, toothed, and frilled with a very rich color combination. **Fine mixed. Packet, 10c.**



Gaillardia

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Flowers speak a language of beauty that is understood by all.

Geum (Mrs. Bradshaw) (Chiloense) Hardy free blooming, with large double flowers of a fiery red. Blooms all summer, 8 to 12 inches. **Pkt. 10c.**

Gypsophila BABY'S BREATH—Pretty, free flowering plants succeed in any garden soil. Their misty white panicles of bloom are used largely for mixing with other cut flowers. **Packet, 10c.**

PERENNIAL BABY'S BREATH Single (*Gypsophila paniculata*) Tiny white flowers borne on slender stems. The plants are simply covered with blooms during June and July. 2½ ft. **Pkt. 10c.**

Heliotrope Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom. It blooms equally as well as a bedding plant in summer, or as pot plants in the house during the winter. Very easily grown. Finest Mixed. **Packet, 10c.**

Helichrysum Straw Flower—*Helichrysum* are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases. Flowers for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. **Mixed. Packet, 10c.**

Hollyhocks **DOUBLE MIXED**—The best double perennial Hollyhocks in mixed colors. **Packet, 10c.**

HOLLYHOCKS. SINGLE MIXED. Packet, 10c.

Hyacinth Bean (Dolichos Lablab) Rapid growing, ornamental, climbing annual, bearing clusters of beautiful purple and white flowers, followed by ornamental seed pods. Sow early where vine is to remain. **Mixed. Pkt. 10c.**

Japanese Variegated Hop **HUMULUS JAPONICUS VARIEGATUS**—Where an attractive climber is wanted that will stand rough usage and make a dense shady mass, there is nothing better than Japanese Hop. It is grown for its ornamental foliage, as the greenish white flowers are quite small and inconspicuous. The leaves become strikingly variegated during mid-season. They are distinctively marked and blotched with silvery white and yellow. **Pkt. 10c.**

Ice Plant (Mesembryanthemum) The leaves appear as if covered with a coating of thin ice. It is grown among other annuals or perennials as a ground cover and is particularly suited for the rock garden or hanging baskets. The flowers are either white or light pink. They are small and inconspicuous. **Packet, 10c.**

Kochia **MEXICAN BURNING BUSH**—An easily grown annual, forms a cypress-like hedge of green of perfect symmetry; by midsummer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red. A splendid plant to divide the vegetable from the flower garden, or for forming a hedge. **Packet, 10c.**

Kudzu Vine Beautiful Japan Climber, hardy perennial with fragrant purplish-violet flowers. **Packet, 10c.**

Lantana Hybrid—Mixed. 2 feet. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer; remains in bloom late in autumn. They have an agreeable aromatic perfume. **Pkt. 10c.**

Larkspur **DOUBLE DELPHINIUM**—This is one of the best known of the garden flowers, and in recent years a vast improvement has been made by careful selection in size and color of the blossoms and the general habit of the plants. Seed sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. **Mixed colors. Packet, 10c.**

Lobelia Delicate low growing annual plant of the greatest value for borders, edgings, and hanging baskets. **Mixed. Packet, 10c.**

Marigold **FRENCH MIXED**—Compact and regular in growth, useful for bedding. **Mixed colors. Packet, 10c.**

Marigold **AFRICAN MIXED**—Better suited for planting in mixed borders or among trees and shrubs. **Mixed colors. Packet, 10c.**

Mignonette A well known fragrant favorite and every flower garden should have a bed. Sowings made in April and July will furnish a succession from early summer until late frost. Can also be grown in pots for winter and early spring flowers. **Packet, 10c.**

Morning Glory Tall mixed. One of the standard rapid-grown climbers, easily cultivated. **Pkt. 10c.**

Mixed Climbers This contains Cardinal Climbers, Cobaea Scandens, Thunbergia, Japanese Variegated Hop, Kudzu Vine, and Cypress Vine. **Pkt. 10c.**

Nasturtium, Tall Rapid growing climber. **Mixed colors. Packet, 10c.**

Nasturtium Dwarf Desirable for bedding. **Mixed colors. Packet, 10c.**

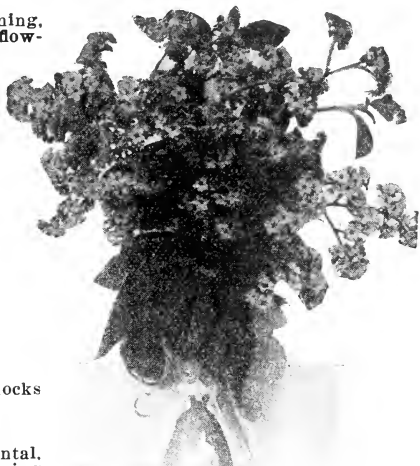
Nigella **LOVE-IN-A-MIST**—A compact free flowering plant, with finely cut foliage, curious looking flowers and seed pods. Very easily cultivated, growing in any garden soil. Blue and white mixed. **Pkt. 10c.**

Pansies Pansies are too well known to require any description, as they are favorite with all. For best results you must start with a good strain. The finest pansies are, as a rule, shy seeders, which accounts for the difference in prices of different mixtures. **Pkt. 10c.**

Petunia For outdoor decoration, porch or window boxes few plants equal the Petunia. They commence flowering early and continue to bloom throughout the season. Easy to cultivate, only require a good soil and sunny position.

LARGE FLOWERING DOUBLE PETUNIAS—In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers. **Double Mixed. Pkt. 35c.**

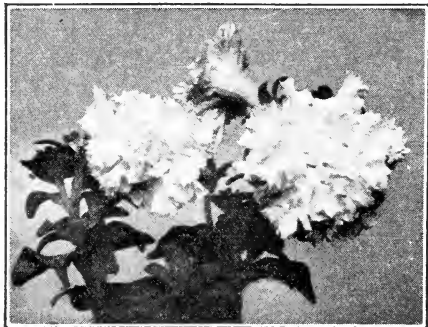
SINGLE PETUNIAS—This is a mixture of all the best varieties and will make a beautiful showing. **Pkt. 10c.**



Heliotrope



Larkspur



Double Petunias

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A small amount of flower seed will work wonders with any home.



Oriental Poppy

are attractively bordered with a narrow or broad white edge. Packet, 10c.

Portulaca MOSS ROSE—A beautiful hardy annual unsurpassed in brilliancy by any other annual. The plants are low growing and creep along the ground. They thrive in almost any location. A complete mixture, orange, white, red, salmon, buff, and other shades. Packet, 10c.

Oriental Poppies Oriental Poppies should be sown in the open ground as soon as it can be worked. Mixed. Packet, 10c.

Shirley Poppies Annual poppies should be sown as early as the ground can be worked. Sow in permanent bed as they do not stand transplanting. If picked just before expanding, they will last for several days. Mixed. Packet, 10c.

California Poppies A showy and free-flowering annual. Blooms very early. Plants are adapted for beds or borders. Mixed. Packet, 10c.

Ricinus CASTOR OIL BEAN—An easily grown plant of picturesque appearance. Grows from 8 to 10 feet in height and bears immense leaves. The plant is surmounted by large flower spikes and brilliant colored seed-pods. Should not be set closer than 5 feet apart. The large seed should be planted in boxes in March and plants transplanted in May. Pkt. 10c.



Scabiosa

Phlox Phlox is one of the easiest grown and most popular of all the summer flowering annuals. The brilliant colors always make a good impression. One of its most valuable characteristics is its free-blooming habit. To have good stocky plants the seedlings should be thinned to stand not less than 6 inches apart in the row. Sow early in the spring. We offer a blend of the best varieties of the tall annual Phlox. Pkt. 10c.

Pinks ANNUAL DIANTHUS — SINGLE — Few flowers equal the old fashioned pinks in beauty and profusion of bloom. They are easily grown and do well in almost any kind of soil and location. Sow seed in ground when the maples are coming into leaf. Cover with $\frac{1}{4}$ in. of soil. Best single mixed. Pkt. 10c.

Pinks Double China —This is a great favorite with gardeners who appreciate a fine show of annual pinks from midsummer until frost. The flowers of these Double Chinese Pinks are borne in clusters carried upright on strong stems. In addition to colors such as white, pink, rose, scarlet, crimson and maroon, there are many which



Pinks



California Poppies

Salpiglossis PAINTED TONGUE—One of the finest annuals of very easy culture, succeeding in any ordinary good soil. Should be planted in a sunny position. Plants grow about 2 feet tall and bear freely from midsummer until frost. Seed may be started in the house or planted out doors after danger of frost is past. Finest mixed. Packet, 10c.

Salvia FLOWERY SAGE—The Scarlet sage has long been a favorite bedding plant, bearing long spikes of flowers in profusion from July to frost. Seed can be started in hotbeds or in the open ground after danger of frost is past. Pkt. 10c.

Snapdragon (See Antirrhinum)

Scabiosa (MOURNING BRIDE)—2½ feet. Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful types of butterflies to the neighborhood. Pkt. 10c.

Scarlet Runner Beans A great favorite in Europe, not only as an ornamental climber, but for the delicious edible beans which follow the spray of bright scarlet pea shaped blossoms. Packet, 10c.

ALL SEED ON THIS PAGE POSTPAID

Sweet Peas are a necessity for every garden—Our Spencer varieties are the best.

Snow-on-the-Mountain (*EUPHORBIA MARGINATA*)—An unusual but easily grown annual which adds variety to the mixed border or may be planted in rows or beds. The plants make an open and free-branching growth, about 3 feet tall. The crown of each plant produces small flowers beautifully set off by the top leaves, which are marked with broad white bands on rich green ground. Sow where to bloom to avoid transplanting. **Pkt. 10c.**

Stock The plants of the large flowering Ten Weeks Stocks grow from 15 to 18 inches tall. They are used for borders, florists designs or pot culture. The sweet scented double flowers are borne profusely on strong stocky spikes. **Best mixed. Packet, 10c.**

Sunflower **DOUBLE CHRYSANTHEMUM-FLOWERED**—A wonderful Sunflower with fully double golden yellow blooms like a giant Chrysanthemum 6 to 8 inches in diameter. The heads are made up of thousands of small fringed petals, forming a broad, thick flower. The plants grow nearly 7 feet tall and are covered with blooms. **Pkt. 10c.**

Sweet William A well known hardy, free flowering perennial, used in beds and borders. Produce rich and varied flowers. Grown from seed sown in the ground. We offer a splendid strain of all colors in a mixture. **Packet, 10c.**

Sweet Peas, Early Flowering Orchid or Spencer

This type of Sweet Peas is equally popular with the florist for forcing as with the amateur for outdoor culture, as they come into flower five or six weeks earlier than the regular orchid-flowering type, and if the flowers are kept picked will continue to bloom over a period of nearly four months.

Spencer Sweet Peas—

KING RED—The best pure red.

KING WHITE—Finest pure white.

COUNTRESS—Deep rich maroon.

YOUTH—White edged with delicate soft pink.

NUBIAN—Chocolate.

DOBBIES CREAM—Primrose.

PURPLE SPENCER—Lavender, suffused with mauve. Straight colors. **Pkt. 10c; 1 oz. 30c.**

Mixed Spencer The best assortment of new and choice Spencer's in an even mixture. **Packet, 10c; oz. 25c.**

Thunbergia **Black Eyed Susan Vine**—An elegant, graceful and slender climber, producing bright cadmium yellow blooms; excellent for hanging baskets and ground covers. Of quick growth, blooming profusely from June until October. **Pkt. 10c.**

Verbena Verbenas thrive in almost any situation and in all good soil. They make very attractive borders and beds, bloom freely from June until October. Plant the seed indoors in February or March, and transplant outdoors in May. Keep the soil moist, as the seed requires as long as three weeks to germinate. We offer a collection of Mammoth Verbena, which produces splendid clusters in a wide range of colors. **Pkt. 10c.**

Wall Flower These sweet-scented flowers are beautiful for beds, borders, or for cutting. Mixed colors. **Pkt. 10c.**

Giant Zinnias Easily grown, doing well in almost any kind of soil. Blooms freely from early summer until frost. Our special strain of Giant Zinnias represent the largest and most perfectly formed Zinnias grown. **Packet, 10c.**

New Dahlia Flowering Zinnias Dahlia Flowering Zinnias are of recent origin, yet they quickly became known because of their many outstanding features. The flowers are of an immense size. They are made up of a large number of small petals, which

stand well apart, adding greatly to the grace and looseness of the bloom. Seed may be started indoors or planted direct in the garden after danger of frost is past. Will bloom from midsummer until frost. We offer a complete mixture of popular shades. **Pkt. 10c.**

POLAR BEAR—This is the best of all the White Zinnias. Large well formed and double. **Packet 10c.**

GOLDEN STATE—Rich golden yellow shading to bright orange when the flowers reach their full size. **Packet 10c.**

CRIMSON MONARCH—Rich Crimson. By far the largest and best of the red shades. Flowers often eight inches in diameter. **Pkt. 10c.**

DREAM—A distinct shade of deep lavender changing to a purple tint as the flowers age. **Packet, 10c.**

ORIOLE—An immense orange and gold bicolor. A very popular variety. **Packet, 10c.**

EXQUISITE—Perfectly symmetrical flowers of a pleasing rose pink shade with a deeper rose center. A truly exquisite flower of magnificent size and good form. **Pkt. 10c.**

MIXED DAHLIA FLOWERED ZINNIA—A special mixture of the choice colors. **Packet, 10c.**

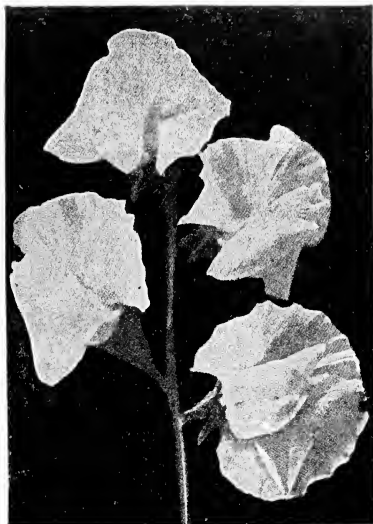
Dwarf Mixed Zinnias A complete mixture of this elegant free-blooming dwarf type. **Pkt. 10c.**

WILD FLOWER GARDEN

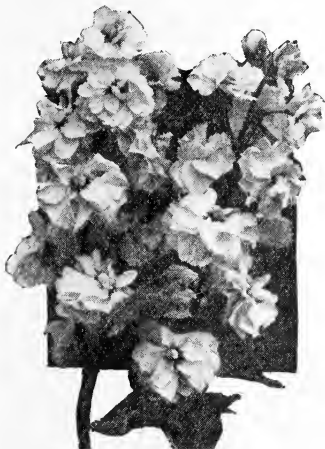
This is a complete mixture of easily grown Annuals which give a wonderful show with flowers from early summer until frost. It should be sown thinly either in rows or broadcasted so that the individual varieties can develop freely. **Pkt. 10c.**

ALL SEEDS ON THIS PAGE POSTPAID

Our Giant Zinnias bloom from mid-summer until frost.



Spencer Sweet Peas



Stocks



Dahlia Flowered Zinnia

Roses 35c each; 5 for \$1.50, Postpaid.

Our Roses are large, sturdy 2 year old field grown bushes. They are true to name and the following list includes the best of the most popular varieties. We are making a special price of these varieties of 35c each or 5 for \$1.50, postage paid. We have a good size stock, but at these prices they will sell very fast and we suggest you place your order early, as soon as you receive this catalog, and we will make shipment as soon as the planting season opens. Please state if we may substitute sold out varieties with others equally as good.



Frau Karl Druschki

Lulu Long narrow buds in shades of orange-salmon and pink. The largest buds of any rose yet seen.

Shot Silk Bright cherry-cerise overshot with salmon-orange, with clear yellow at base of petal. Free bloomer.

CLIMBING ROSES

Black Boy Large fiery scarlet flowers overlaid with blackish maroon. Sweet scented.

Climbing Sunburst A climbing sport of that peer of yellow roses, Sunburst. A true pillar rose of strong growth, bearing freely.

Climbing Lady Ashtown Large rose-pink flowers shaded to yellow at center. Continuous bloomer.

SPECIAL—35c each; 5 for \$1.50, Postpaid

Black Locust Trees

Plant a woodlot or wind break. The Black Locust is a rapid growing tree, and the wood makes good fence posts.

Two year old trees at.....25c each; 5 for \$1.00

Three year old trees at.....30c each; 4 for \$1.00

Four year old trees at.....50c each; 3 for \$1.00

Five year old trees at.....75c each; 3 for \$2.00

Six year old trees at.....\$1.00 each

F. O. B. Lewiston.

Angele Pernet (New) Vivid orange-yellow low shaded with fiery apricot—a striking and distinct combination of color. Long pointed buds opening into finely formed and sweetly scented flowers.

Betty Hulton (New) Deep saffron yellow low with golden center. Large, full, finely formed, of great depth. Very fragrant.

Crusader Rich, velvety crimson with blackish shadings. A strong grower, foliage dark green. Very fragrant. An American rose of great merit.

Frau Karl Druschki A pure white variety with immense large buds and perfect double flowers, very hardy.

J. J. L. Mock Deep carmine buds of large size opening into enormous blooms of a rich rose-pink color. A giant in growth and bloom.

Los Angeles Flame pink shaded salmon. Fine buds.

Dame Edith Helen (New) A wonderful new rose that promises to be the finest addition to the long list of pink roses. Grows very strong and vigorous, the flowers are borne singly on long stout canes. Finely scented. Winner of many prizes.

Sour de Cl Pernet On the order of Golden Emblem but larger flowers. Buds large and long. Color bright yellow.

Lady Margaret Stewart A rose of most unique and distinct coloring. Buds deep yellow, heavily veined and splashed with orange-scarlet. Very hardy.

Rev. Page (Roberts) Buds long and pointed of a rich copper color stained red on the outside, opens into a large golden yellow flower.



Climbing Rose

The rose is the finest cultivated blooming plant—the Queen of Flowers—plant more of them.

Nursery Department

Almond (Prunus)

PINK FLOWERING (P. Japonica)—Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. Height at maturity 3 ft. Each, \$1.25. Postpaid, \$1.30.

Althaea (Rose of Sharon)

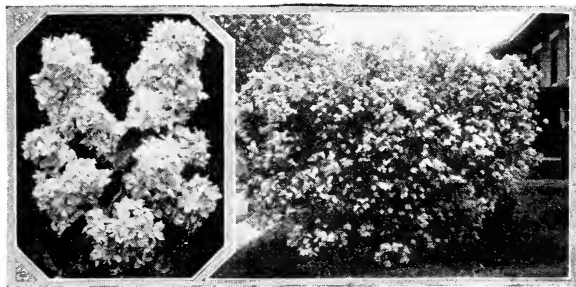
Late summer blooming continues into the fall when color is scarce, bearing flowers that closely resemble Hollyhocks in color and size. Colors pink, white or red. Maturity height 10 feet. Each, 75c. Postpaid 80c.

Buddleia

FARQUHARI. A new, rather dwarf, compact growing variety of the Butterfly Bush or Summer Lilac. Has rich green foliage with silvery reverse and bears in late summer long racemes of rich lilac-purple flowers. 2-year. Each, 75c. Postpaid, 80c.

Barberry

B. THUNBERG—(Japanese)—Low growing with clusters of white flowers in May. Foliage changes to a red in Autumn. Maturity height 4 ft. Each, 75c. Postpaid, 80c.



Lilacs

Deutzia

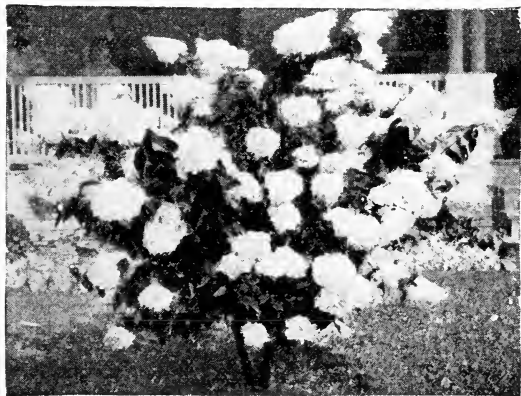
DEUTZIA GRACILIS—One of our daintiest and most graceful flowering shrubs: low growing, slender branches, covered with a profusion of flowers, white with a blush of pink in the bud. Each, \$1.00. Postpaid, \$1.05

PRIDE OF ROCHESTER—(Deutzia Crenata)—Pure white, tinged with blush. Flowers very double, blooming May and June. Maturity height 6 ft. Each, 75c. Postpaid, 80c.

WATERI—(D. Crenata Flora Rosa Plena)—Beautiful dainty double pink flowers. A fine lawn subject. Very showy. Grows to 6 feet. Each, \$1.00. Postpaid, \$1.05.

Elder

GOLDEN—A handsome variety, with golden yellow foliage. Hardy and easily grown. Each, 75c. Postpaid, 80c.



Hydrangea P. G.



Deutzia

Forsythia (Golden Bell)

F. FORTUNEI—Blossoms in dense masses of golden yellow flowers in early Spring. Beautiful as lawn tree. Each, 75c. Postpaid, 80c.

Honeysuckle (Bush)

RED TARTARIAN—Blossoms in May. Bright pink flowers. Each, 75c. Postpaid, 80c.

WHITE TARTARIAN—Bushy upright growth, flowers freely. Red and orange berries stay on until Fall. Maturity height 8 feet. Each, 75c. Postpaid, 80c.

Hydrangea

ARBORESCENS (Snowball Hydrangea)—A new ever-blooming shrub, attains a height of six feet. Literally loaded with large panicles of snow-white flowers all the season. Each, 75c. Postpaid, 80c.

JAPANESE OTAKSA—One of the most popular lawn plants. The flowers run in shades of pink, blue and white, mineral in soil often changing them to two or three shades in one. For shady places. Maturity height 4 feet. Each, \$1.25. Postpaid, \$1.35.

PANICULATA GRANDIFLORA—(Tree Hydrangea)—Grows to six feet high. Flowers are in cone shape on ends of branches, pure white, afterwards changing to pink, remaining on tree until frost. Each, \$1.00. Postpaid, \$1.10.

Lilac (Syringa Vulgaris)

Maturity height about 15 feet.

COMMON—White or purple. Each, 75c. Postpaid, 80c.

CHAS. SARGENT—Violet-mauve blended with sky-blue enormous flowers. Grafted. Each, \$1.25. Postpaid, \$1.30.

Mock Orange (Syringa)

Large hardy shrub with a profusion of white creamy flowers, very fragrant. Maturity height 12 feet. Grafted. Each, 75c. Postpaid, 80c.

Quince

JAPANESE FLOWERING—Covered with bright scarlet flowers very early in Spring before leaves appear. Maturity height 4 feet. Each, \$1.00. Postpaid, \$1.05.

Russian Olive

Large shrub with long narrow silvery foliage. Flowers yellow, appearing in May, followed by yellow berries. Maturity height 10 feet. Each, \$1.00. Postpaid, \$1.05.



SPIREA VAN HOUTTEI

Spirea

BILLARDI'S—(S. Billardi)—Flowers red in dense spikes, blooms most of summer. Maturity height 4 feet. Each, 60c. Postpaid 65c.
BLUE SPIREA—Beautiful Autumn blooming shrub. Flowers bright blue the entire length of stems. Maturity height 4 feet. Each, 75c. Postpaid, 80c.

CRIMSON—Anthony Waterer—(S. Bumalda)—A desirable variety, deep red flowers, blooming all Summer; fine for foreground planting. Maturity height 4 feet. Each, 60c. Postpaid, 65c.

PRUNIFOLIA (Bridal Wreath)—Slender, erect growing, having beautiful colored foliage and bearing very early in the Spring. Small double white flowers the entire length of its branches. Each, 75c. Postpaid, 80c.

THUNBERGII — Charming spirea with graceful form and abundant blooms. Maturity height 4 feet. Each, 60c. Postpaid, 65c.

VAN HOUTTEI'S BRIDAL WREATH—(S. Vanhouttei)—Very graceful; flowers white in clusters. May. Maturity height 6 ft. Each, 60c. Postpaid, 65c.

Snowball

COMMON—Flowers globular, pure white, in May. Maturity height 12 feet. 2 to 3 feet. Each, 75c. Postpaid, 80c.

Symphoricarpos (Snowberry)

S. OCCIDENTALIS—Western snowberry. A native shrub of spreading habit, bearing small pink flowers in Summer and clusters of large clear white berries in Winter. Maturity height 5 ft. Each, 50c. Postpaid, 55c.

S. VULGARIS—Indian Currant—Red fruited snowberry, habits similar to white, but loaded with dark red berries Fall and Winter. Grows to 4 feet. Each, 50c. Postpaid, 55c.

Tamarix

JUNIPERANA—(Africana)—Ornamental tree with soft, juniper-like leaves, pink flowers. Maturity height 14 feet. Each, \$1.00. Postpaid, \$1.05.

Weigelia

A most desirable free flowering shrub covered in the late Spring with a mass of trumpet-shaped flowers, showing a profusion of bloom that is unequalled. Maturity height 12 ft. Each, 75c. Postpaid, 80c.

CANDIDA—Flowers white, bush tall.

ROSEA—Flowers light pink, shrub compact.

EVA RATHKE—Flowers red, one of the best.

VARIEGATED—Leaves become silver white.

Privet (Ligustrum)

CALIFORNIA PRIVET (L. Ovalifolium)—Our best plant for hedges. Plant in double row 2 feet apart, 6 inches between plants. Maturity height 10 feet.

18 to 24 inch, 10 plants.....\$1.00; 100, \$ 7.50
 24 to 30 inch, 10 plants.....\$1.25; 100, \$10.00

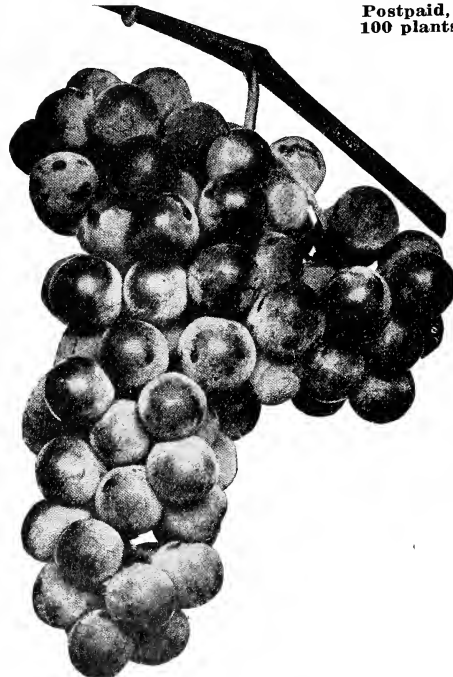
ENGLISH PRIVET (L. Vulgare) — A little hardier, for colder climate, leaves smaller. Maturity height 10 feet.

18 to 24 inch, 10 plants.....\$1.00; 100, \$ 7.50
 24 to 30 inch, 10 plants.....\$1.25; 100, \$10.00

Postpaid, 10 plants 10c extra.
 100 plants, 25c extra.



Snowball



Niagara Grape

Grapes

CAMPBELL'S EARLY—Nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous, a strong vigorous grower. August.

CONCORD—Large, black grape; bunches compact; berries round, sweet, pleasant. August.

DELAWARE—One of the finest of our native grapes; grows freely; perfectly hardy; ripens early; berries small, bright red. August.

LUCILE—Good medium large red grape, hardy.

MOORE'S EARLY—Berry large, resembling Concord, but more pulp and earlier.

NIAGARA—Bunch medium; berry large roundish, uniform; skin thin but rough; pale yellow flesh tender and sweet; vine vigorous and productive; one of the best white. September.

WORDEN—Bunch large and compact; berry large, black; improved Concord. Late August.

2- year plants, each 20c; 10, \$1.75; 100, \$15.00.

Postpaid, each 25c; 10, \$1.90; 100, \$15.50.

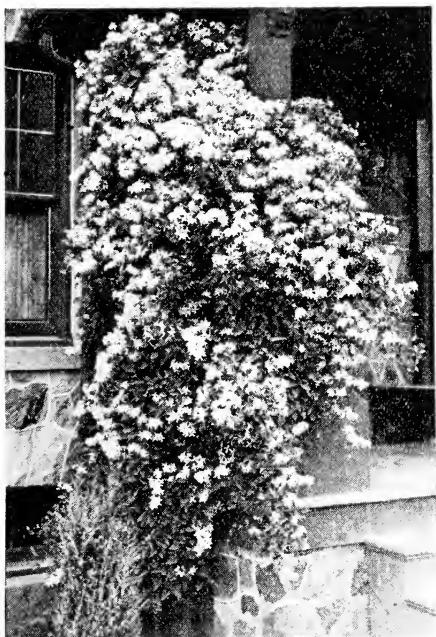
Vines

CELASTRUS (Bittersweet)

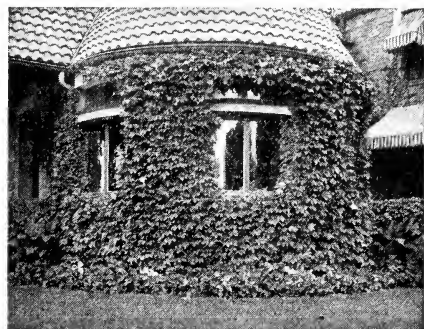
A rapid growing climbing plant, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit. Each, 60c. Postpaid, 65c.

BOSTON IVY

The most popular climbing vine for covering brick, stone or wooden walls: When it becomes established it is of very rapid growth, and clings to the smoothest surface. The foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. Strong two year roots. Each, 50c. Postpaid, 55c.



Clematis Paniculata



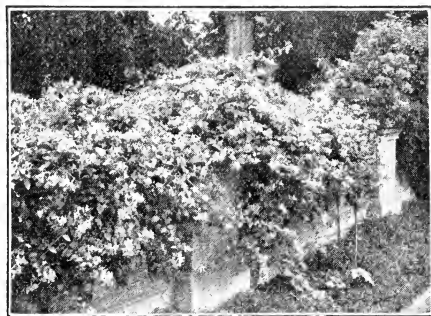
Boston Ivy

CLEMATIS (Paniculata)

Japanese Virgins Bower. A luxuriant grower, profuse bloomer with fine foliage. Pure white medium sized fragrant flowers produced in the greatest profusion in late summer. Each, 50c. Postpaid, 55c.

HONEY-SUCKLE (Halls Japan)

An almost evergreen variety, with pure white flowers, changing to yellow; very fragrant and a vigorous grower. Each, 50c. Postpaid, 55c.



Honeysuckle



Virginia Creeper

VIRGINIA CREEPER

Also called Woodbine. A very rapid grower, having beautiful, dark green foliage, assumes rich crimson hues in autumn. Each, 50c. Postpaid, 55c.

WISTERIA

CHINESE PURPLE—A very strong growing vine often growing 15 to 20 feet in a season. Has long clusters of sky blue flowers. Extremely hardy. Strong plants. Each, \$1.00. Postpaid, \$1.05.

CHINESE WHITE—Habit of growth similar to Chinese Purple but the flowers are somewhat smaller and pure white. Each, \$1. Postpaid, \$1.05.

Field Seeds

The first price of grass or clover seed is not the most important factor that should govern the purchase. Nothing is more important to the farmer than that the seed he sows should be pure and clean. The seed should also be heavy, plump and matured, so as to insure a good stand. Highest quality, thoroughly cleaned seed, like our Lewis-Clark Quality, though it might cost slightly more in the beginning, is really much cheaper in the end than grades sold at lower prices. Heavy plump seed germinates better and will produce a greater number of strong plants. With our years of experience, knowledge, and up-to-date cleaning machinery, we are in a position to furnish you field seeds that will satisfy every requirement at a reasonable price.

DON'T SPECULATE ON THE STOCK MARKET. Raise livestock, plant alfalfa, clover and grass. This is no speculation but the surest way of building up your land and assuring yourself a good profit. Plant a garden—no one ever went broke raising their own supply of vegetables.

If you are planning to seed a large acreage write us, and we will gladly quote you a quantity price and send sample and purity tests of our stock.

OUR BRANDS

LEWIS-CLARK is our best brand and only the best seed obtainable is so branded. It is always 99% pure and usually higher, no noxious weeds, and of the highest germination. We recommend this brand.

FANCY—Our Fancy grade is equal to, and in many cases has a higher purity and germination than other so-called "best" brands. Tests 98% or better.

CHOICE—Although lower in purity and germination than our other two grades, our Choice grade is good seed 97% or better pure.

**ALL FIELD SEED PRICES ARE F. O. B. LEWISTON
UNLESS OTHERWISE STATED.**

Timothy

Timothy is by far the most valuable of all grasses for hay, and is also fine for mixing with red or alsike clover for either hay or pasture. Our seed is Northern Idaho grown, cleaned and put in the best condition for seeding.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Choice	\$0.16	\$1.45	\$ 7.00	\$13.50
Fancy .....	.18	1.50	7.25	14.25
Lewis-Clark Quality .....	.20	1.60	7.75	15.00

Kentucky Blue Grass

Makes the best pasture of any grass. Starts early in the spring, and lasts until late in the fall. Should form part of every pasture mixture. Also used extensively for lawns.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Fancy	\$0.60	\$6.00	\$28.00	\$55.00
Lewis-Clark Quality .....	.65	6.50	31.00	60.00

Canadian Blue Grass

Somewhat resembles Kentucky Blue Grass but is shorter and more slender. Thrives on even hard clay soil where there is not enough lime for Kentucky Blue Grass. For mixtures it is best to use Red Top or Orchard Grass, as it does not thrive when mixed with clovers.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Fancy	\$0.35	\$3.25	\$16.00	\$30.00
Lewis-Clark Quality .....	.40	3.75	18.50	35.00

English or Perennial Rye Grass

A quick growing, nutritious variety, forming a dense, even sod, and is used extensively for pastures, meadows and lawns. Succeeds as well in the shade as in the sun. Will stand close cropping, and has a strong successive growth.

Lewis-Clark Quality—1 lb. \$0.25; 10 lbs. \$2.25; 50 lbs. \$11.00; 100 lbs. \$20.00

Italian Rye Grass

This variety is distinct from the others, growing larger and stronger. Is well adapted for pasture or hay, making an early spring growth, and is also valuable sown as a catch crop where clover has died or winter killed.

Lewis-Clark Quality—1 lb. \$0.25; 10 lbs. \$2.25; 50 lbs. \$11.00; 100 lbs. \$20.00

Domestic Rye Grass

This variety of Rye Grass is rapidly increasing in favor with dairy men in this district. Those who have used it state that it will carry more stock than any other grass, and will increase the milk flow. It is a rapid grower, winter hardy and makes a quick regrowth after mowing, and remains green much longer than other varieties. Can be grown successfully on dry, shallow poor soils as well as on the better soils. At the price we can furnish you this seed, it will pay every dairy man to plant a few acres. Broadcast 30 lbs. per acre.

Lewis-Clark Quality—1 lb. 20c; 10 lbs. \$1.90; 50 lbs. \$8.50; 100 lbs. \$15.00.



Domestic Rye Grass

See inside of back cover for lawn grasses and clovers

We recommend the Lewis-Clark Quality Seed as the best obtainable.

Meadow Fescue or English Blue Grass

Especially fine for permanent pasture; also good for hay. Grows two to three feet high, but not in bunches like Orchard Grass. Succeeds on poor soils and withstands extremely dry weather.

Lewis-Clark Quality—1 lb. 30c; 10 lbs. \$2.75; 50 lbs. \$13.50; 100 lbs. \$25.00

Tall Meadow Oat Grass

The earliest grass of all for either pasture or hay. Is especially adapted to our western country, being a quick grower, often reaching a height of three to four feet in June. Has a deep rooting system, which enables it to withstand a long drought, remaining green all seasons of the year. Cut during the blooming period for hay. Grows quickly after mowing, and will furnish a second and sometimes a third cutting. Sow 25 or 30 pounds to the acre.

Lewis-Clark Quality—1 lb. 35c; 10 lbs. \$3.25; 50 lbs. \$15.50; 100 lbs. \$30.00

Bromus Inermis or Brome Grass

A wonderful drought-resisting grass for the stock raiser. Stands at the head of all grasses as the most valuable for localities where conditions demand a drought-resisting plant.

A vigorous, hardy perennial with strong creeping root stalks; smooth, upright, leafy stems, one to four feet high. In a few years it forms a tough sod, soon crowding out other grasses and weeds. It forms a permanent pasture which starts very early in the spring and remains green until late in the fall. Without a doubt this is one of the best grasses to plant for a permanent pasture.

Seeding is done either in the spring or fall at the rate of 15 to 20 pounds to the acre. Our seed is northern grown, very hardy and thoroughly cleaned.

Lewis-Clark Quality—1 lb. 35c; 10 lbs. \$3.30; 50 lbs. \$15.50; 100 lbs. \$30.00.



Meadow Fescue

See inside of back cover for lawn grasses and clovers.

Mixed Alsike Clover and Timothy

In cleaning the large amount of Timothy and Clover seed we handle, there is always a certain amount of mixed Alsike and Timothy taken out that cannot be separated. The mixture is the largest and plumpiest seed of the lots and contains about 25% Alsike and 75% Timothy. Anyone who is going to plant Alsike and Timothy together can save money by buying this seed. Per 100 lbs. \$16.00.

Orchard Grass

Orchard Grass is equally good for pasture or hay. When mixed with Alfalfa makes high quality feed, especially fine for livestock. Extra good in pasture mixtures on account of its earliness and its ability to withstand drought and close pasturing.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Choice	\$0.30	\$3.00	\$14.75	\$28.00
Fancy .....	.33	3.20	15.25	29.00
Lewis-Clark .....	.35	3.40	15.75	30.00



Orchard Grass

Red Top

A valuable grass for moist or even marshy lands and also on soils that are not rich enough for Timothy and other grasses and clovers. When mixed with Alsike at the rate of 6 pounds of Red Top and 4 pounds of Alsike to the acre, it makes a fine crop of hay or a good pasture. To make the best quality of hay it should be cut in full bloom.

L-C Quality—1 lb. 35c; 10 lbs. \$3.25; 50 lbs. \$16.00; 100 lbs. \$30.00.

Ladino Clover

Ladino is a tall growing variety of white clover which has proven its great worth as a pasture clover. Here in Idaho it has yielded twice as much pasture as blue grass and grows tall enough to cut for hay. The clover that the Dairymen has been looking for.



State Certified. Price, \$1.00 per pound. Postpaid.

Permanent Pasture or Meadow Mixture

Nothing produces a better meadow than a mixture of grasses specially selected for the purpose. These selections have been made after several years of thought and experience, and meadows sown with this grass-clover mixture will occupy the ground more closely, and will produce a better quality and larger yield of hay and subsequent fall pasturage, and will last ten or even twenty years. Some of the grasses used in this mixture mature early, others medium late, and one or the other will be at its best from early spring until snow covers the ground. Sow from 15 to 20 pounds per acre.

Prices—10 lbs. \$1.75; 50 lbs. \$8.25; 100 lbs. \$16.00

Mixed Alsike and Red Clover

We have a limited supply of mixed Alsike and Red Clover seed. This is Fancy re-cleaned seed and at the price we are offering this it is an extra good buy for dairymen for hay.



Prices: 1 lb. 30c; 25 lbs. \$7.00; 50 lbs. \$13.75; 100 lbs. \$27.50.

Our first consideration is quality and our prices are as low as first class seed can be sold.

Alfalfa

The most valuable of all legume crops

Alfalfa has done more to increase the value of farm lands than any other crop raised. It will thrive on any soil except a wet one, and not only produces a valuable hay crop of several tons to the acre but also enriches the soil on which it is grown.

It is of the utmost importance that the seed bed be carefully prepared. The ground should be finely pulverized but firm. As alfalfa is an expensive crop to sow, and since a good stand will last for a number of years, it is very important that none but the best seed be used. Cheap seed of inferior quality may result in a poor stand or be the cause of the farm becoming infested with noxious weeds.

Our seed is secured in the large producing districts by men who carefully select only the best lots for our particular trade. When you order your seed from us you may rest assured that you are getting stock of the highest quality.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Choice	\$0.30	\$3.00	\$14.00	\$27.00
Fancy .....	.33	3.10	14.50	28.00
Lewis-Clark Quality .....	.35	3.20	15.00	29.00

Grimm Alfalfa

Where winter killing of alfalfa is experienced, we recommend Grimm's. This variety has a low spreading crown which withstands the destructive freezing and thawing that raises the crowns of the other varieties.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Blue Tag State Certified.....	\$0.50	\$5.30	\$28.80	\$48.00
Red Tag State Certified.....	.50	5.10	27.00	45.00
Affidavit .....	.40	4.00	21.00	35.00



Alfalfa



Medium Red Clover

Alsike Clover

This is the best clover to plant in high altitudes or cold, wet lands. When mixed with Red Top or Timothy, makes an excellent hay.

We have a stock of extra select lots on which we can quote very attractive prices.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Choice	\$0.28	\$2.75	\$13.00	\$25.00
Fancy .....	.30	2.90	14.00	27.00
Lewis-Clark Quality .....	.30	3.00	14.50	28.00

White Clover, Small Dutch

White Clover is especially valuable when mixed with Kentucky Blue Grass for either lawns or pastures.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Fancy	\$0.55	\$5.25	\$25.50	\$50.00
L.-C. Quality ..	.60	5.75	28.00	55.00

Clovers Add Nitrogen to the Soil

But only when nodules containing bacteria are on the roots. These bacteria take the free nitrogen of the air and put it into such form as to make it available for plant use.

If these bacteria are not present, clovers can do but little toward enriching the soil. To make sure that your clover has plenty of bacteria inoculate the seed when sowing. (See page 26.)

Medium Red Clover

Medium Red Clover is conceded to be the most important of the clovers. It is a valuable crop for either hay or pasture, and at the same time builds up the soil. It has been proven that it is a success on the uplands of this district, and is one of the most profitable crops raised. A large profitable hay crop can be raised, or the field can be clipped early and the second crop saved for seed.

Great care should be used in selecting the seed that no harmful weeds are introduced on to the farm. We use every precaution possible in selecting our seed and spare neither time or expense in recleaning it on the most up-to-date cleaning machinery possible to buy.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark	\$0.35	\$3.30	\$15.50	\$30.00
Fancy .....	.33	3.00	14.25	27.50
Choice .....	.30	2.80	13.00	25.00

Mammoth Red Clover

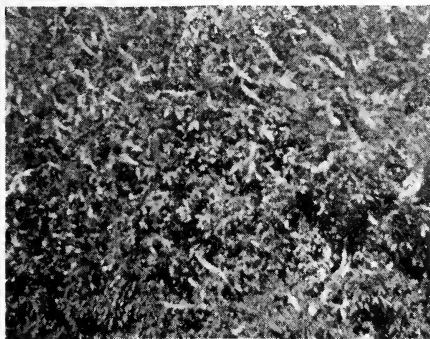
Grows very large; is used quite extensively for plowing under.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
L C	\$0.37	\$3.50	\$16.50	\$32.00
Fancy .....	.35	3.30	15.50	30.00
Choice .....	.33	3.10	14.50	28.00



Alsike Clover

Cheap seed means a poor stand, sow the best—L. C. Quality and Blue Tag Alfalfa.



Sweet Clover

Sweet Clover, White Blossom

Sweet Clover is rapidly coming into more popular use as its good qualities are becoming better known. The features that make Sweet Clover so valuable, are its ability to thrive and produce good hay or a good pasture on poor soil, at the same time improve the soil on which it is growing.

It is being used more and more through this section of the country for pastures, and the use will be more general when its ability to withstand drought, and to produce good green feed through the hot summer months is better known.

Almost every farm has a piece of land that is hard to farm, or the soil is too poor to raise a grain crop, that if seeded to Sweet Clover would produce a large amount of valuable feed, and at the same time build up the soil.

White Blossom Sweet Clover is the popular and standard variety. It is a biennial, growing from four to six feet tall.

L-C Quality—1 lb. 20c; 10 lbs. \$1.75; 50 lbs. \$8.00; 100 lbs. \$15.00.
Fancy.....1 lb. 20c; 10 lbs. \$1.65; 50 lbs. \$7.50; 100 lbs. \$14.00.



Yellow Blossom Sweet Clover

This variety of Sweet Clover is about two weeks earlier than the White Blossom and does not grow as tall or coarse.

Lewis-Clark Quality.....1 lb. 20c; 10 lbs. \$1.75; 50 lbs. \$8.50; 100 lbs. \$16.00



Sorghums

Sorghums are used both for fodder and pasture. As a fodder crop they yield a large quantity of high quality feed. As a pasture for sheep or hogs it is unequalled; when grazed down it will quickly start up again, thus affording a large amount of pasture during the summer months. Our seed is Northern Grown selected stock.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark Quality				
Orange Sugar Cane	\$0.15	\$1.50	\$6.00	\$12.00
Amber Sugar Cane	.15	1.50	6.00	12.00
White Kaffir Corn	.15	1.50	6.00	12.00
Peterita	.15	1.50	6.00	12.00
Broom Corn	.20	2.00	7.50	15.00

Buckwheat

Used extensively for bee pasture.

L-C Quality—1 lb. 15c; 10 lbs. \$1.00; 50 lbs. \$4.50; 100 lbs. \$9.00.

Winter or Hairy Vetch

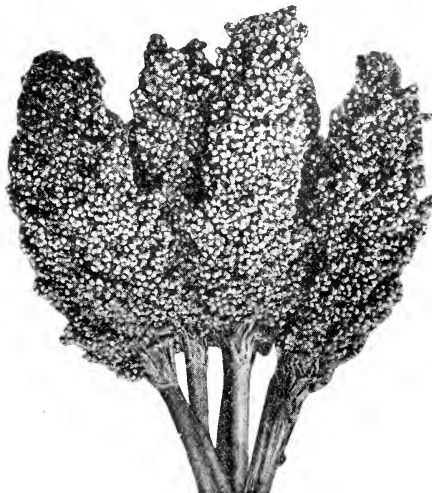
This is a hardy, valuable crop for either forage or fertilizer. Thrives on nearly all soils, and grows four to five feet long. Being a legume, it is a great soil-builder. Can be sown either in the spring or fall. When it is to be cut for hay, it is best to sow some grain with it to act as a support. It can be cut twice, or used as pasture after the first crop has been taken off. Although an annual, it resows itself and will come up on the same ground for several years.

L. C. Quality—1 lb. 25c; 10 lbs. \$2.25; 50 lbs. \$9.50; 100 lbs. \$17.50.



Spring Vetch

Spring Vetch is used for the same purpose as Hairy Vetch, but must be planted in the spring. Lewis-Clark Quality—1 lb. 15c; 10 lbs. \$1.40; 50 lbs. \$6.50; 100 lbs. \$12.00.



Kaffir Corn

Gypsum or Land Plaster

In almost every section of the Northwest you can increase your yield of Alfalfa and Clovers from 25 to 75 per cent by applying Gypsum at the rate of 100 pounds to the acre each year.

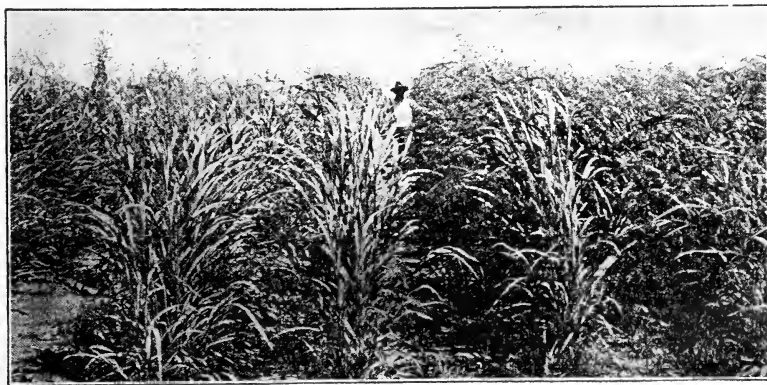
See Page 29 for price.

Sudan Grass

Sudan grass is a tall leafy annual grass producing a large tonnage of feed. As it originated in a hot dry climate, it is naturally adapted to the dry conditions of our section. It does well on all soils except those that are wet and poorly drained.

Sudan is an annual, and as it matures quickly it is especially valuable as a catch crop. It produces a large tonnage of hay similar in quality to Millet or Timothy. When seeded for hay should be planted at the rate of 15 to 20 pounds to the acre, with a grain drill. Should not be seeded until after all danger of frost is past.

Lewis-Clark Quality—1 lb. 20c; 10 lbs. \$1.50; 50 lbs. \$7.00; 100 lbs. \$13.00.



Sudan Grass

Field Corn, North Idaho Grown

Our corn is carefully selected and graded, and is thoroughly acclimated for seed planting.

Lewis-Clark Quality	1 lb.	10 lbs.	50 lbs.	100 lbs.
Idaho Yellow Dent	\$0.10	\$1.00	\$4.00	\$ 7.50
Idaho White Dent .....	.10	1.00	4.00	7.50
Rustler White Dent .....	.10	1.00	4.00	7.50
Pop Corn, White Rice .....	.10	1.00	4.00	7.50
Special Idaho Ensilage .....	.10	1.00	4.00	7.50

Millet

Millet is especially adapted to a section with a small amount of rainfall and hot weather, produces an abundance of fine hay that ranks in food value with Timothy. Should be sown about the same time corn is planted.

Lewis-Clark Quality	1 lb.	10 lbs.	50 lbs.	100 lbs.
Golden Millet	\$0.15	\$1.50	\$6.00	\$12.00
Siberian Millet .....	.15	1.50	6.00	12.00
Hungarian Millet .....	.15	1.50	6.00	12.00
Hog-Millet .....	.15	1.50	6.00	12.00
Broom Corn Millet .....	.15	1.50	6.00	12.00

Field Peas

Peas are a very profitable crop, and will also build up the land by returning the much needed nitrogen to the soil. The clovers alone rank higher than peas in their soil enriching properties. The vines can be used for hay, or the peas threshed and used for feed. Next to corn, peas have a

higher feeding value than any other grain. Sow 100 to 120 pounds per acre. All our peas are northern grown, selected stock.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Early Alaska	\$0.10	\$0.75	\$2.50	\$4.00
First and Best .....	.10	.75	2.50	4.00
White Canadian .....	.10	.75	2.50	4.00



Dwarf Essex Rape

Field Beans

White Navy—Lb. 10c; 10 lbs. \$1.00; 50 lbs. \$4.00; 100 lbs. \$7.00.

Idaho Small Red—Lb. 10c; 10 lbs. 90c; 50 lbs. \$3.50; 100 lbs. \$6.00.

Seed Rye

BEARDLESS SPRING RYE—Spring Rye is a very important and profitable crop. It is used for replacing winter grain that has failed, or planted as a grain crop. Beardless Spring Rye is very hardy, yields heavily, and is preferred for stock feeding, as the usual beards (about one inch long) mostly break off in handling. \$2.50 per 100 lbs.

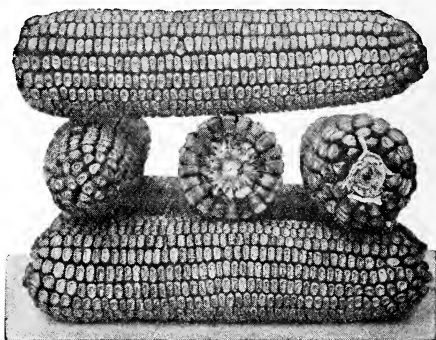
ROSEN RYE—A fall and winter rye introduced from Russia. The grain is much larger than the common variety and the yield almost double. Also used extensively for spring planting for pasture. Write for Prices.

HULLESS or BALD BARLEY—A rapid growing variety of Barley which is grown successfully in our western country, and is one of the best crops for green feed. Can be used for hay, but must be harvested in the milk stage. Will make excellent grain if allowed to mature, and when ground, is very good feed for stock. Will make a large crop of grain in dry seasons, when others fail. It has no beards and threshes out the same as wheat. Recleaned selected stock. Write for prices.

Wool and Mohair

We are buyers of Wool and Mohair—from one fleece to a car load. Send us a representative sample of your clip, stating the amount you have and the kind of sheep. We will quote you prices as soon as we have examined the sample.

WOOL SAX, 80c each. FLEECE TWINE, 35c PER POUND.



Idaho Yellow Dent

Western Flax Seed

There should be more flax sown, as it is one of the most dependable crops in the west. Matures very quickly, and can be planted as late as the middle of June, and therefore is desirable as a catch crop. Can also be used as a nurse crop. Flax takes less moisture and fertility from the soil than other grains, and under favorable conditions will yield 15 to 20 bushels per acre.

Lewis-Clark Quality—1 lb. 15c; 50 lbs. \$6.00; 100 lbs. \$10.00.

Sunflowers For Silage

In the last few years Sunflowers have been grown extensively for ensilage. The yield varies from ten tons on dry land to 40 tons on rich bottom land under irrigation. In feeding value it ranks close to corn ensilage. The variety giving best results in this district is the Mammoth Russian.

Lewis-Clark Quality—1 lb. 20c; 50 lbs. \$8.50; 100 lbs. \$15.00.

Dwarf Essex Rape

One of the best forage plants. Produces a large amount of valuable pasture which is ready for use six or eight weeks after planting. Recommended highly for sheep and hogs.

L-C Quality—lb. 20c; 10 lbs. \$2.00; 50 lbs. \$9.50; 100 lbs. \$18.00.

Soy Beans

These do well on poor soil. They are extensively grown in the corn belt. Sow the seed any time after danger of frost has passed—about the time corn is planted. Plant 2 inches deep. If intended for hay, the crop should be cut any time from the setting of the seed until the leaves begin to turn yellow. If planted in rows 2 or 3 feet apart, 20 to 30 lbs. are needed per acre. For broadcasting use 60 to 100 pounds per acre.

EARLY BLACK—This is northern grown seed and one of the earliest varieties. Especially adapted to this district. 1 lb. 15c; 25 lbs. \$3.50; 50 lbs. \$7.00; 100 lbs. \$12.50.

BEARDLESS BARLEY—Is as easily grown and handled as either oats or wheat, and is a very desirable crop on account of its earliness and adaptability to almost any kind of soil. Beardless Barley is a splendid feed for all farm stock, and cattle, sheep, horses and hogs will thrive and fatten on it. Is one of the best grains for hay, especially for horses, and is used extensively by the stock men in this district. There is a short crop this season and suggest you order early. Recleaned selected stock. \$2.50 per 100 lbs.

Wheat

Recleaned Selected Stock

Lewis-Clark Quality—Marquis, Certified Jenkins Club, Blue Stem, Early Baart. Write for Prices.

OATS

Recleaned Selected Stock

Our oats are grown in the northern part of the state on new land, which has been especially prepared for the purpose. The seed is carefully selected and recleaned, being free from wild oats.

Lewis-Clark Quality—Swedish Side Oats, Idaho White Side Oats. Write for Prices.

Fertilizers

MORCROP K. 3-10-7

A concentrated complete fertilizer high in the three necessary elements. Recommended for berries, grains and root crops, especially recommended for lettuce, spinach, onions, corn and potatoes. Price, 100 lb. sax, \$3.00; per ton, \$52.00.

SULPHATE OF AMMONIA

Analysis—Nitrogen as Ammonia 25%

Sulphate of Ammonia is one of the most quickly available and most desirable forms of nitrogen to use. It is at once absorbed by the water in the soil and immediately effective. Use 2 to 3 pounds to fertilize 1,000 square feet of lawn or 400 to 600 lbs. per acre. Price, per 100 lbs., \$4.50.

NITRATE OF SODA

Analysis—Nitrogen as Ammonia 18%

One of the most valuable fertilizers where quick leaf growth is desired. Used extensively for fruit trees, lettuce, radishes, celery and other quick growing crops. Price, per 100 lbs. \$4.00.

BONE MEAL

Analysis—Nitrogen 2%. Phosphoric Acid 30%

Bone Meal is one of the best fertilizers to use where Nitrogen and Phosphoric Acid are needed. It is especially good for lawns and flower beds. Is slow in action and there is no waste, as the plant food is released only as fast as it can be taken up by the plants. It can be used in almost unlimited quantities without danger of burning the plant. Price, per 100 lbs. \$3.50.

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Peas, Beans, Vetch, Peanuts with

NOBBE-HILTNER PROCESS

NITRAGIN

TRADE MARK REG'D. DEC. 5, 1896 NO. 32212

THE ORIGINAL LEGUME INOCULATOR
Guaranteed Fresh Each Year Leads in High Germ Count

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. Fresh, high count NITRAGIN, containing billions of efficient nitrogen-gathering germs, builds up the soil.
All Legume Germs are PERISHABLE. To Protect You, NITRAGIN Cans are Stamped With Expiration Date. Insist on NITRAGIN.



Mixing Nitragin with Seed

Legume germs die rapidly when dried. NITRAGIN, containing

between 30% — 40% moisture, will readily stick to the seed without adding water, and give inoculation. However, for best results, the preferred practice, recommended by The Nitragin Company and Agricultural Authorities is to use water when mixing legume culture with seed.

NITRAGIN PRICES

Alfalfa, All Clovers	Retail
1/4 bu.....	.40
1/2 bu.....	.60
1 bu.....	1.00
5 bu.....	4.75

When ordering, always specify kind of seed

Soy Beans and Cow Peas

1 bu.....	.40
2 bu.....	.70

Garden Nitragin — Garden Size —

Peas, Beans, Sweet Peas

Inoculates from 1 ounce to 8 lbs. seed. Price \$.25
IMPORTANT: When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate.
Nitragin Has Served the American Farmer Since 1898

Peas, Vetch, Beans, Austrian Winter Peas	Retail
1/4 bu.....	.40
1/2 bu.....	.60
1 bu.....	.90
3 1/2 bu.....	1.80
5 bu.....	2.50
*Also called "100 lb. size."	

Peas, Beans and Cow Peas	Retail
5 bu.....	\$1.50
10 bu.....	2.50

Gypsum or Land Plaster

A necessary plant food for legumes on soils that are lacking in sulphur. Will increase the yield from 50 to 100%. Apply at the rate of 200 lbs. to the acre every second or third year. Price, 100 lbs. \$1.00; ton, \$15.00.

Air-Slacked Lime

Used principally for sweetening alkaline soil, and is highly recommended for this purpose by soil experts. Price, per 100 lbs. \$1.00. Special quantity price of \$15.00 per ton.

SHEEP GUANO

One of the best fertilizers for lawns and gardens. Free from any disagreeable odors. Our brand is kiln dried and thoroughly pulverized, and is therefore quick in action. There is no danger of applying too much. 100 lbs. is sufficient to fertilize 1,000 square feet of lawn. Price, per 100 lbs. \$1.25. Special quantity price of \$20.00 per ton.

We can supply any kind of fertilizer you are interested in, and will be glad to quote prices upon receipt of your request.

STOCK SALT

50 lb. bags	\$0.70
100 lb. bags	1.25
Sulphurized Brick Salt, 50 lbs. ....	.95
Sulphurized Brick Salt, 5 lbs. ....	.15

STOCK AND POULTRY FEED AND REMEDIES

Per 100 lbs.

Limestone Grit, fine or coarse	1.50
Oyster Shell, Eastern	3.50
Granulated Bone, fine	3.50
Granulated Bone, coarse	4.00
Buttermilk Mash for little chicks.....	3.50
Growing Mash	1.75
Egg Mash, M. M.—Write for prices.	
Caif Meal, 25 lb. bags, each.....	
Chick Feed—Write for prices.	

Semi-Solid Buttermilk

This is pure creamery buttermilk condensed to a thick paste and guaranteed to keep almost indefinitely. Price, 5 gallon keg, \$3.25; 10 gal. \$6.00.

MILKOLAC DRIED BUTTERMILK

Dried Buttermilk is used principally for egg and chick mash.

Price, per pound12 1/2c

Kow Kare—A great cow medicine, cans...65c and \$1.25
Bag Balm, cans65

DR. HESS' POULTRY AND STOCK REMEDIES

Poultry Pan-a-min

3 lb. pkg., 20 Hen Size.....	\$0.65
7 lb. pkg., 40 Hen Size.....	1.25
15 lb. pkg., 90 Hen Size.....	2.25
25 lb. pail, 150 Hen Size.....	3.50

Improved Stock Tonic

5 lb. pkg.....	\$ 0.85
15 lb. pkg.....	2.25
25 lb. pail.....	3.50
100 lb. drum.....	12.00

Dip and Disinfectant

1 quart	\$0.75
1/2 gallon.....	1.25
1 gallon.....	2.25
5 gallon.....	9.00

Lice Powder

1 lb. can	\$0.30
2 1/2 lb. can .....	.60

White Diarrhoea Remedy

100 Tablets	\$0.50
225 Tablets	1.00

Tobacco Dust

Per pound15

REVENGE LICE DESTROYER—It Sticks—Does Not Shake Off.

1 1/2 lb. can	\$0.65
3 lb. can	\$1.00

B-K—Powerful household germicide, deodorant, disinfectant, 65c and \$1.35 per package.



tion and will not gum sprayers. Will not injure rubber, metal, hands or clothing. Tests show EVER GREEN to be effective against cutworms, cucumber beetles, cabbage worms, aphs (plant lice), leaf hoppers, thrips, rose slugs, melon beetles, currant worms and most other insects, both chewing and sucking. Being non-poisonous it is available. One gallon makes 800 gallons effective aphs spray. Prices: 1½ oz. 35c (makes 9 gal. spray); 6 oz. \$1.00; 16 oz. \$2.00; 32 oz., \$3.85; gallon bottles, \$13.00. Full instructions with each bottle.



Spray Your Plants This New Safe Way

a highly effective non-poisonous insecticide. Absolutely harmless to man, live stock, birds and pets. (No danger of eating poisoned vegetables.) Cannot burn or otherwise injure most delicate plants even in the concentrated solutions. Keeps its strength indefinitely. No continuous agitation necessary—remains in solution.

SEMESAN—for vegetables and flower seeds—Semesan can be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping off of seedlings. Price: 2 oz. 50c; 1 lb. \$2.75; 5 lbs. \$13.00; 25 lbs. \$53.25.

SPRAY MATERIALS

- Dry Lime and Sulphur, 1 lb. 25c; 50 lbs. \$7.50;
100 lbs. \$12.50
Roche Harbor Lime, per bbl. 4.25
Ground Sulphur Diamond S, 110 lb. sax. 3.30
Blue Stone, 12½c per lb. \$10.00 per 100
Grafting Wax, per lb. .50
Copper Carbonate, 50 per cent, per lb. .30
Puritol, White disinfecting paint, 5 lb. pkg. .75
BORDEAUX MIXTURE—1 lb. 30c; 8 lbs. \$2.00.
DRY ARSENATE OF LEAD—1 lb. 30c; 4 lbs. 80c; 48 lbs. \$7.20.
PARIS GREEN—¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.25.

“BLACK LEAF 40”

Used for the control of soft bodied sucking insects. Also has become very popular for the control of chicken lice. Simply paint the roosts full strength, the results will surprise you.

- 1 oz. (about 6 gallon spray) \$0.35
½ lb. (40 to 150 gals. spray) 1.25
2 lbs. (160 to 600 gals. spray) 3.75
10 lbs. (800 to 3000 gals. spray) 11.85

ALL SPRAY MATERIALS F. O. B. LEWISTON.

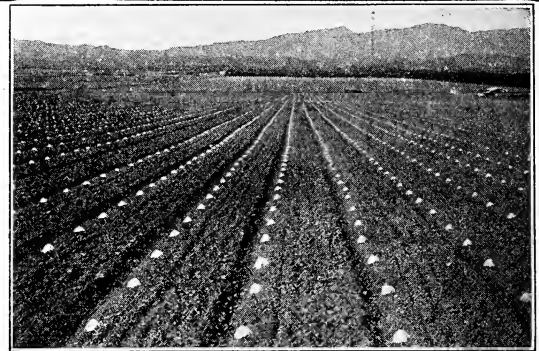
Increase Farm Profits and Garden Pleasures

CERESAN SEMESAN JR.
SEMESAN BEL SEMESAN

CERESAN—For seed grains—One of the most effective treatments for the control of smut. Ceresan is harmless to grain and does not injure grain drills. Only two ounces needed per bushel. Price: 1 lb. 75c; 5 lbs. \$3.00; 25 lbs. \$12.50.

SEMESAN BEL—For seed potatoes—Potato diseases cause a loss equivalent to the yield of one acre in every 5 or 6 acres planted. Much of this can be prevented by treating seed before planting, with Semesan Bel, the instantaneous dip disinfectant. One pound treats 16 to 22 bushels of seed. Price: 4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25.

SEMESAN JR.—For seed, field and sweet corn—Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soils, makes earlier planting possible, controls seedling blight, reduces root and stalk rot and generally increases crop yield. Use two ounces per bushel seed. Price: 4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25.



EARLIER, MORE PROFITABLE CROPS

Germaco HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—“Individual hothouses for each plant” that completely cover them, and fully protect them from frost, wind, rain, ground-crusting and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. HOTKAPS are inexpensive and easy to use. One man “sets” over 3000 per day.

Write us about HOTKAPS or order your season’s supply now.

Prices: 1,000 lots, \$11.50; 5,000 lots, \$11.00 per M; 10,000 lots, \$10.75 per M; 250 Trial Package, including Garden Setter with Tamper, \$4.00; 100 Home Package, including Garden Setter with Tamper, \$2.50; Germaco Hotkap Steel Setter with Tamper, \$2.50; postage extra. Weights: 1,000 package HOTKAPS, 26 lbs.; 250 package, 9 lbs.; 100 package 5 lbs.; Steel Hotkap Setter, 3 lbs.



Germaco
Hotkaps
New Method of
Plant Protection

ROUND BABY CHICK FEEDERS

The most popular on the market. The top fits snugly, yet can be easily taken apart for cleaning and filling. A great feed saver.

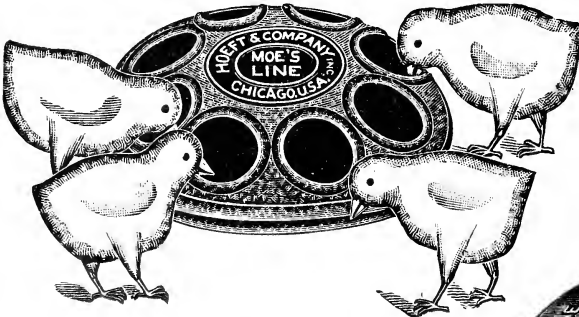
No. 11, Dia. 6 in., 8 holes. Price Postpaid.....15c
No. 12, Dia. 8½ in., 12 holes. Price Postpaid.....30

Not a Seam—Top and bottom each stamped from a single piece of metal makes the—

ECLIPSE FEEDING TROUGHS

very popular for feeding chicks and growing stock.

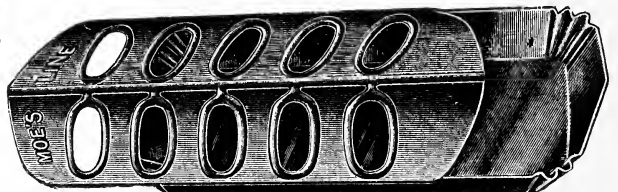
No. 27, 10 in., Price Postpaid.....30c
No. 28, 20 in., Price Postpaid.....45c



BUTTERMILK FEEDING TROUGHS

For feeding buttermilk. Made the same as the Eclipse, described and shown at right, but the material is tin plate, which is not affected by the acid in sweet, sour or buttermilk.

No. 138, 20 in., Price.....50c



Poultry Supplies

CELO GLASS

Unbreakable—Weather-Proof—Passes Violet Rays—Economical—Durable—Healthful. Comes in rolls 36 in. wide by 100 feet long. Price, 40c per running foot. Postpaid.

NUMBERED ADJUSTABLE BANDS

Aluminum with large raised figures, 1 to 100, adjustable to fit any breed.



12 bands, 1 to 12	.....	\$0.15
25 bands, 1 to 25	.....	.25
50 bands, 1 to 50	.....	.40
100 bands, 1 to 100	.....	.75

SPIRAL CELLULOID BANDS

Don't forget to specify the colors wanted. Cerise Blue Red Green White Orange Black

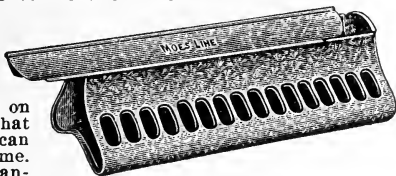


No. 5 for Pigeons and baby chicks.
No. 6 for Bantams and growing chicks.
No. 8 for Leghorns, Minorcas, etc.
No. 11 for Plymouth Rocks, R. I. Reds.

	12 Bds.	50 Bds.	100 Bds.
No. 6, 8, 11	.....	\$0.15	\$0.50
No. 5	.....	.10	.30
			\$0.75

MOE'S LARGE CAPACITY FEEDER

A wonderful feeder for young growing stock. Has a large capacity, with 16 openings on each side, so that 32 chicks can feed at one time. The birds cannot roost on the cover or sides, so it is impossible to foul the feed.



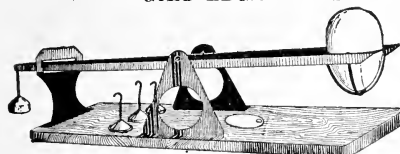
Has a slipping top cover, easy to fill and clean.

A great time and labor saver where chicks are raised in large numbers.

Made of heavy galvanized iron. Length 21 inches. Width 8½ inches. Height 7 inches. Capacity 10 qts. Shipping weight 4 lbs.

No. 140—Chick Feeder, each, prepaid.....\$1.50
No. 141—Length 35 in., 17 qts., 54 openings, prepaid 2.20

GILT EDGE EGG SCALE

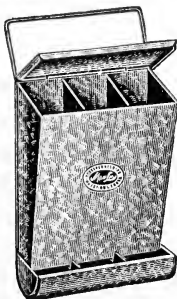


Simple in construction, easy to operate, graduating by the oz. per dozen. Price, postpaid, \$1.50.

GRIT AND SHELL BOXES

These boxes are the most practical means of economical feeding of Grit, Shell, Bone, Charcoal, etc. They will soon pay for themselves in material saved and will last a lifetime.

No.	Width	Comp.	Price
45	5 inch	2	\$0.45
9	8½ inch	3	1.00
90	11 inch	4	1.35



SO EASY TO FILL AND CLEAN BOTTOM-FILL FOUNTAINS

Then, too, they are inexpensive, accurately made and tapered to prevent bursting from freezing.

	Capacity	Price
No. 19	1 quart	40c
No. 30	2 quarts	40c
No. 24	4 quarts	65c



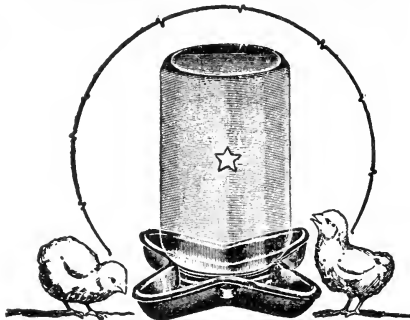
GLASS FABRIC

The same preparation is used as on the Cel-O-Glass but put on cloth. The same results are obtained but of course it is not as durable. Comes 3 ft. wide. Price, 35c per square yard. Postpaid.

FIGARO SALT

Sugar-Cure and Smoke Meat in one operation. 10 lb. can, enough to cure 100 lbs. meat. Price, \$1.45, Postpaid.

THE FAMOUS "STAR" FOUNTAIN



More chicks are watered and fed from "STAR" fountains than any other style made. Stamped from one piece of heavy non-rusting metal. Cannot leak. Fits any size Mason fruit jar.

No. 32, Price, each, postpaid.....\$0.15

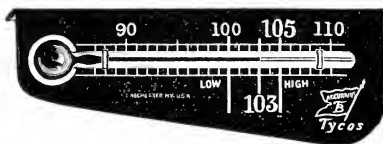
DOUBLE FEEDING TROUGHS



For chicks and growing stock they are very popular. Smooth turned edges, sliding top. Easy to fill and clean

No. 58	Size 12 inch.	Price.....	45c
No. 59	Size 18 inch.	Price.....	60c
No. 60	Size 24 inch.	Price.....	70c

INCUBATOR THERMOMETERS

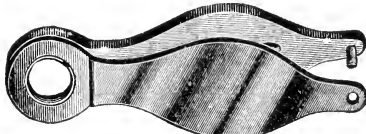


Price. Prepaid90c

TYCOS HYGROMETER

Takes the space of one egg in the incubator and tells the true moisture condition. Each packed with booklet.

No. 5796 Hygrometer.....\$1.75—Prepaid, \$1.85
Extra silk wicks. Each15c



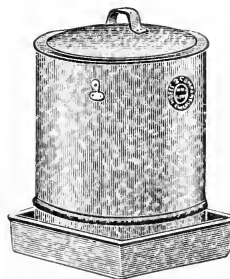
No. 38, Moe's Punch. A popular and practical punch for marking baby chicks. Price each,

Prepaid25c

DIAMOND EGG CARRIERS FOR HATCHING EGGS
15 egg size 40c; 25 egg size, 60c, prepaid.

SHIPPING BOXES FOR DAY-OLD CHICKS

50 chick size, prepaid.....35c
100 chick size, prepaid.....45c



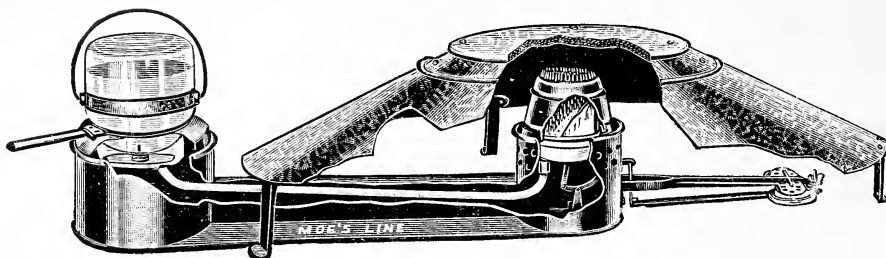
"TOP-FILL" FOUNTAINS

Automatic Feed

Made of heavy galvanized iron, with double walls. Feeds automatically, no valves to get out of order. Sanitary and easily cleaned.

No. 1, 1 gal. cap. prepaid \$1.85
No. 3, 2 gal. cap. prepaid 2.85
No. 4, 4 gal. cap. prepaid 3.50

MOE'S AUTOMATIC OIL BROODER



No.	Size Canopy	Capacity Chicks	Shipping Weight	Price Complete	
225	32 in.	300	36 lbs.	\$13.45	F. O. B. Lewiston
226	42 in.	500	42 lbs.	14.65	F. O. B. Lewiston
227	52 in.	1000	49 lbs.	16.75	F. O. B. Lewiston

Garden Supplies

All Steel Lawn Weeder



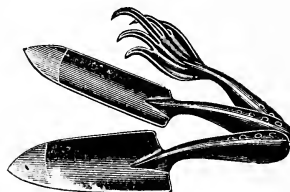
Postpaid. Each, 35c

Hand Weeder—Made of one piece of hard, stiff steel. Ground edge and baked enamel handle. Postpaid, each25c



GARDEN SET

Consisting of one No. 80 Garden Trowel, one No. 81 Transplanting Trowel, one No. 82 Garden Weeder. All made of one-piece heavy pressed steel, finished in black baked enamel. Each, 25c; set of 3, 75c Postpaid



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Lawn Grass Seed

To have a good lawn the soil must be rich, carefully worked and well leveled. All refuse should be removed and some good fertilizer worked into the soil. Either fine pulverized Sheep Guano or Morcrop Lawn Fertilizer will give good results. **Then use the best seed obtainable.** Plant any time from September until late Spring. Rake in the seed and then roll. In watering your lawn soak it deeply and not too often, as frequent light waterings tend to bring the roots close to the surface, where they quickly dry out and sometimes burn out. But don't expect to make a good lawn with cheap seed.

A mixture of several varieties of grasses usually makes the best lawn. All grasses have an off or rest period at some time during the year, and during these rest periods very little new growth appears. These rest periods vary with different grasses, and by seeding a mixture the lawn always looks thrifty and fresh.

Buy the best seed you can afford, as the cost of seed is a minor item compared to the rest of the expense connected with making a lawn.

Our lawn mixtures are made up of seed of the highest purity and germination that we can buy, or we can furnish you with the straight varieties and you can make your own mixture.

BLUEBENT LAWN MIXTURE

A mixture of fine-leaved turf grasses containing a large percentage of Creeping Bent and Chewings Fescue. Both these grasses spread by means of underground root stalks and will eventually exclude other grasses. A Bluebent lawn is a permanent investment.

1 lb. \$1.00; 5 lbs. \$4.50. Postpaid.

LEWIS CLARK MIXED LAWN SEED—Our Mixed Lawn Grass Seed is made up of only the fine leaved and long lived grasses which will produce a beautiful velvety, carpet-like lawn that will last for years. Enough White Clover is used to make a quick showing and act as a nurse crop for the grasses while they are becoming established. Per lb. 60c; 10 lbs. \$5.50. Postpaid.

CREeping BENT—For those desiring the finest lawn possible, we recommend Imported Creeping Bent Grass seeded straight. This grass grows rapidly, is of fine texture and spreading habit, and makes a strong enduring sod. Per lb. \$1.50. Postpaid.

SHADY LAWN MIXTURE—We also have a mixture for seeding in shady places. This is a combination of the most successful of fine leaf grasses that do especially well in shade. It is carefully prepared and a mixture of expensive imported grasses. Per lb. \$1.00. Postpaid.

KENTUCKY BLUE GRASS — The most important grass for lawn making and is the base of our Lewis-Clark mixed lawn seed. It is the first grass to start in the spring and remains green until late winter. Is very hardy and is uninjured by cold or heat.

Fancy—1 lb. 65c; 10 lbs., \$6.25. Postpaid.

Lewis-Clark—1 lb., 70c; 10 lbs. \$6.75. Postpaid.

CHEWINGS FESCUE—A low growing fine leaved grass which forms a close turf that prevents ingress of weeds. Thrives in all kinds of soil even the lightest and driest. Unexcelled for lawns and golf courses. 1 lb. 60c; 10 lbs. \$5.50. Postpaid.

WHITE CLOVER—White Clover is especially valuable when mixed with other grasses and adds greatly to the appearance of the lawn.

Lewis-Clark—1 lb. 65c; 10 lbs. \$6.25. Postpaid.

Fancy—1 lb. 60c; 10 lbs. \$5.75. Postpaid.





MARK MEANS COMPANY

LEWISTON, IDAHO

